The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

November 1983

A0400-1

Shipments Up 13.1 Percent

Net shipments of aluminum ingot and mill products in 9 months of 1983, at an estimated 10,314 million pounds were 13.1% higher than shipments of 9,116 million pounds for 9 months of 1982.

Domestic shipments totalled 9,409 million pounds for 9 months of 1983, representing an increase of 14.9% from the 8,191 million pounds shipped in 9 months of 1982.

Exports of 905 million pounds were down 2.2% vs. 925 million pounds for 9 months of 1982.

Thru September 1983

	9 Mos. 1983	9 Mos. 1982	% Change
Mill Products	8,373	7,275	+15.1
Ingot	1,941	1,841	+ 5.4
Total	10,314	9,116	+13.1
Less Exports	(905)	(925)	− 2.2
Domestic Total	9,409	8,191	+14.9

Millions of Pounds

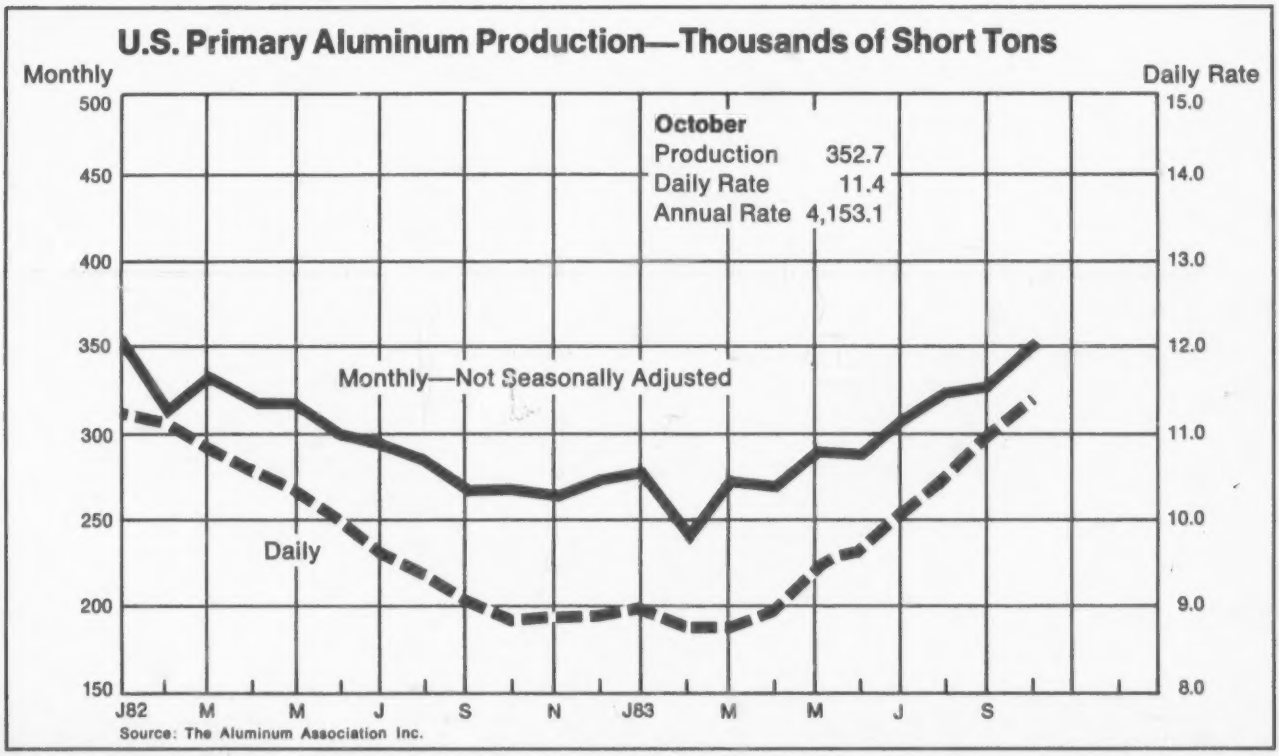
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Up 28.1 Per Cent

U.S. primary aluminum production averaged 11,378 short tons daily during October 1983 compared with an average 8,880 tons a day in October 1982.

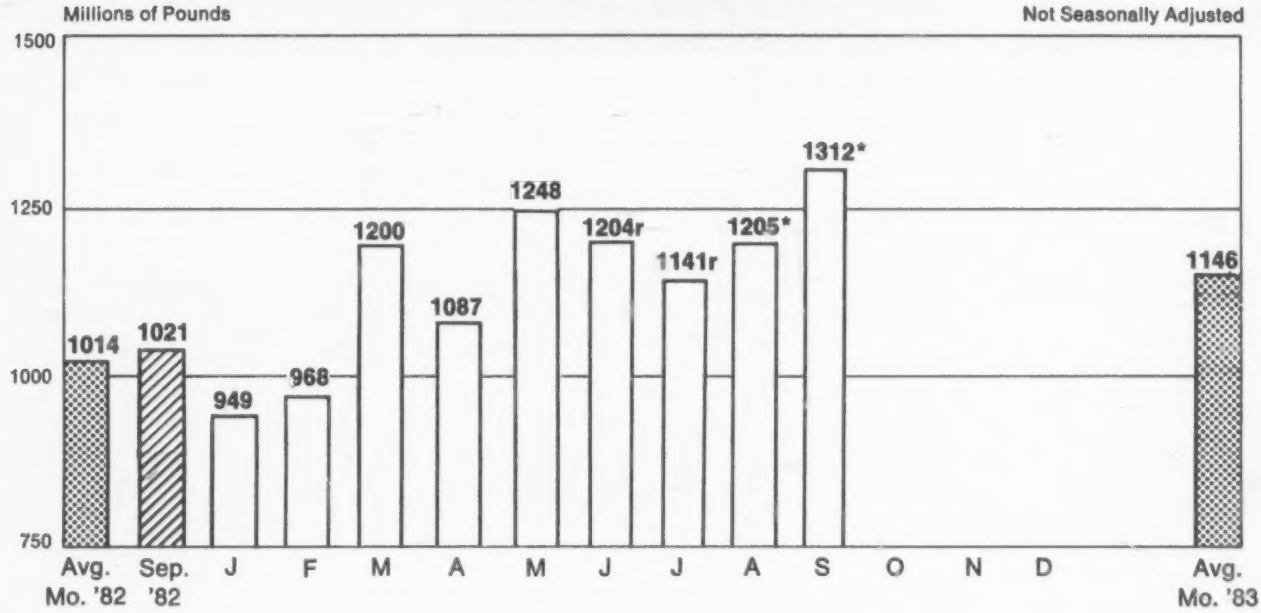
The annual rate of production in October 1983 was 4,153,141 tons, compared to 3,241,159 tons in October 1982. The September 1983 production rate was 3,997,729 tons.

Actual production in October 1983 was 352,733 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

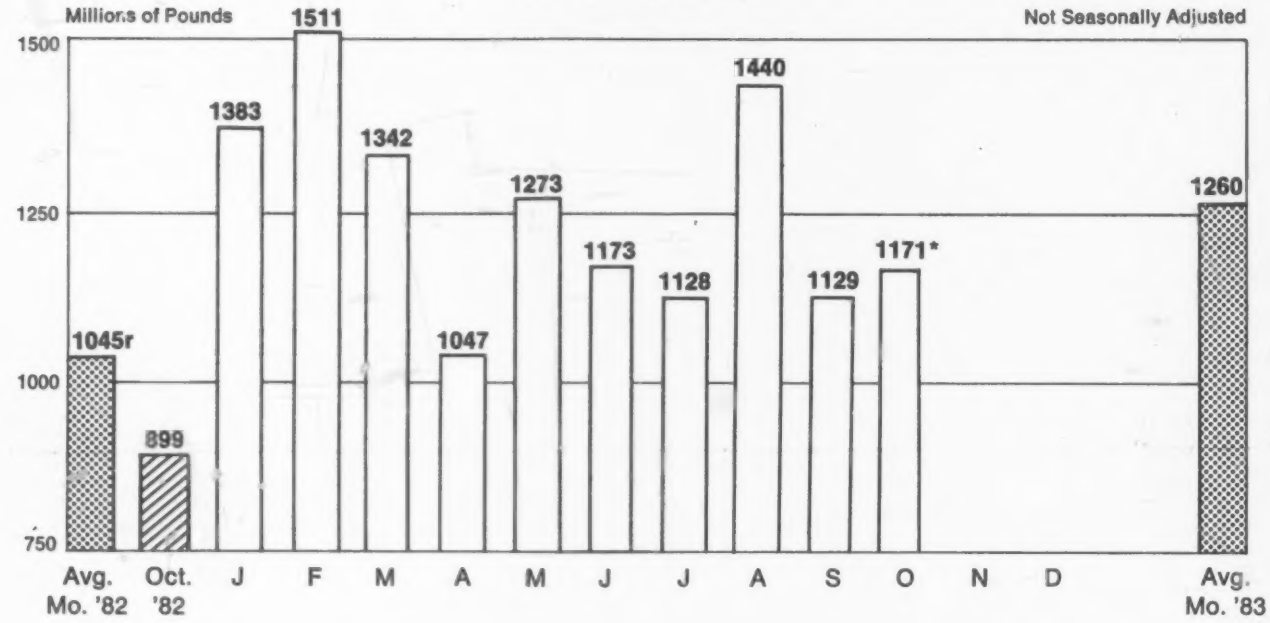
	1983 September*	1983 August*	1982 September	% Change Latest Month 1983 v. 1982
Sheet & Plate	552.0	526.0	465.3	+18.6
Foil	70.0	63.0	63.0	+11.1
Rod, Bar & Wire	21.0	18.0	22.8	− 7.9
Electrical Conductor	56.0	56.0	51.3	+ 9.2
Extruded Products	200.0	200.0	164.5	+21.6
Welded Tube	4.0	4.0	3.2	+25.0
Powder & Pigments	8.0	7.0	6.9	+15.9
Forgings & Impacts	9.0	9.0	8.0	+12.5
Net Imports of Mill Products (Total) (a)	42.0	42.0	28.9	+45.3
Total Mill Products	962.0	925.0	813.9	+18.2
Ingot	350.0(b)	280.0(b)	207.1	+69.0
TOTAL INDUSTRY SHIPMENTS	1,312.0	1,205.0	1,021.0	+28.5
Exports	(127.8)	(108.1)	(96.3)	+32.7
TOTAL DOMESTIC SHIPMENTS	1,184.2	1,096.9	924.7	+28.1

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

September 1983 Net Shipments Up 28.5 Percent vs. Year Ago

Total September 1983 net shipments of 1,312 million pounds were up an estimated 28.5% above September 1982 shipments of 1,021 million pounds. It represents the highest shipment month since May 1979's 1,333 million pounds.

Order Receipts



Order Receipts
(Millions of Pounds)

	1983 October*	1983 September	1982 October	% Change Latest Month 1983 vs. 1982
Can Stock (a)	237.4	200.0	107.1	+121.7
Sheet & Plate, Other	312.1	323.6r	217.5	+ 43.5
Foil	87.6	71.3	53.6	+ 63.4
Rod, Bar & Wire	22.1	16.2	12.4	+ 78.2
Electrical Conductor	71.6	55.7	41.0	+ 74.6
Extruded Products	205.1	228.9r	160.4	+ 27.9
Powder & Paste	6.1	10.0	6.7	− 9.0
Forgings & Impacts	6.9	6.3	5.2	+ 32.7
Domestic Mill Products	948.9	912.0r	603.9	+ 57.1
Ingot (Total)	105.6	126.7r	201.6	− 47.6
TOTAL DOMESTIC	1,054.5	1,039.7r	805.5	+ 30.9
Exports	116.2	89.9	93.7	+ 24.0
TOTAL ALL PRODUCTS	1,170.7	1,128.6r	899.2	+ 30.2

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
* Latest month.
r-revised.

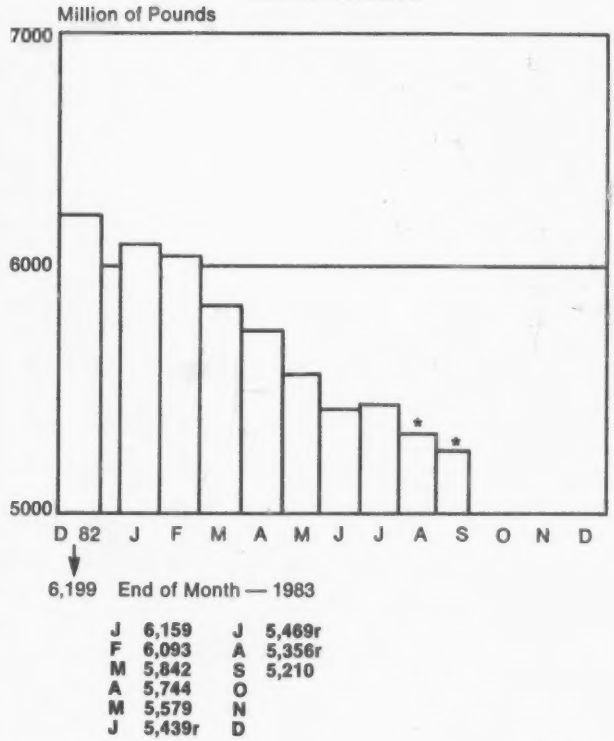
October 1983 Orders 30.2 Percent Above October 1982

Estimated net new order receipts for October 1983 of 1,171 million pounds were 30.2% above the 899 million pounds for October 1982. However, October 1982 was the second lowest month for order receipts last year.

Producers Stocks Down 146 Million Pounds

Producer inventories decreased an estimated 146 million pounds in September 1983 from an estimated 5,356 million pounds in August to an estimated 5,210 million pounds, mostly accounted for by the integrated producers.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Sep. '83*	Aug. '83*	Sep. '83* vs. Year End '82
Integrateds	4,197	4,332	−1,027
Smelters	200	200	− 16
Nonintegrated	813	824	+ 54
TOTAL	5,210	5,356	− 989

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1983 September	1983 August	1982 September	% Change Latest Month 1983 v. 1982
Imports	Mill Products	48.5	48.9	35.4	+37.0
	Ingot	124.6	144.6	105.6	+18.0
	TOTAL	173.1	193.5	141.0	+22.8
	Scrap (+ dross)	21.5	18.5	15.0	+43.3
Exports	Mill Products	36.1	34.9	49.2	−26.6
	Ingot	91.7	73.2	47.1	+94.7
	TOTAL	127.8	108.1	96.3	+32.7
	Scrap	50.4	59.1	31.5	+60.0
Net Imports		+16.4	+44.8	+28.2	−41.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

MAKE IT WITH ALUMINUM®

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

December, 1983

11/2/83
A0400-1

Net Shipments Up 14.7 Percent

Net shipments of aluminum ingot and mill products in 10 months of 1983, at an estimated 11,586 million pounds were 14.7% higher than shipments of 10,098 million pounds for 10 months of 1982.

Domestic shipments totalled 10,585 million pounds for 10 months of 1983, representing an increase of 17.5% from the 9,010 million pounds shipped in 10 months of 1982.

Exports of 1,001 million pounds were down 8.0% vs. 1,088 million pounds for 10 months of 1982.

Thru October 1983

	10 Mos. 1983	10 Mos. 1982	% Change
Mill Products	9,280	8,037	+15.5
Ingot	2,306	2,061	+11.9
Total	11,586	10,098	+14.7
Less Exports	(1,001)	(1,088)	− 8.0
Domestic Total	10,585	9,010	+17.5

Millions of Pounds

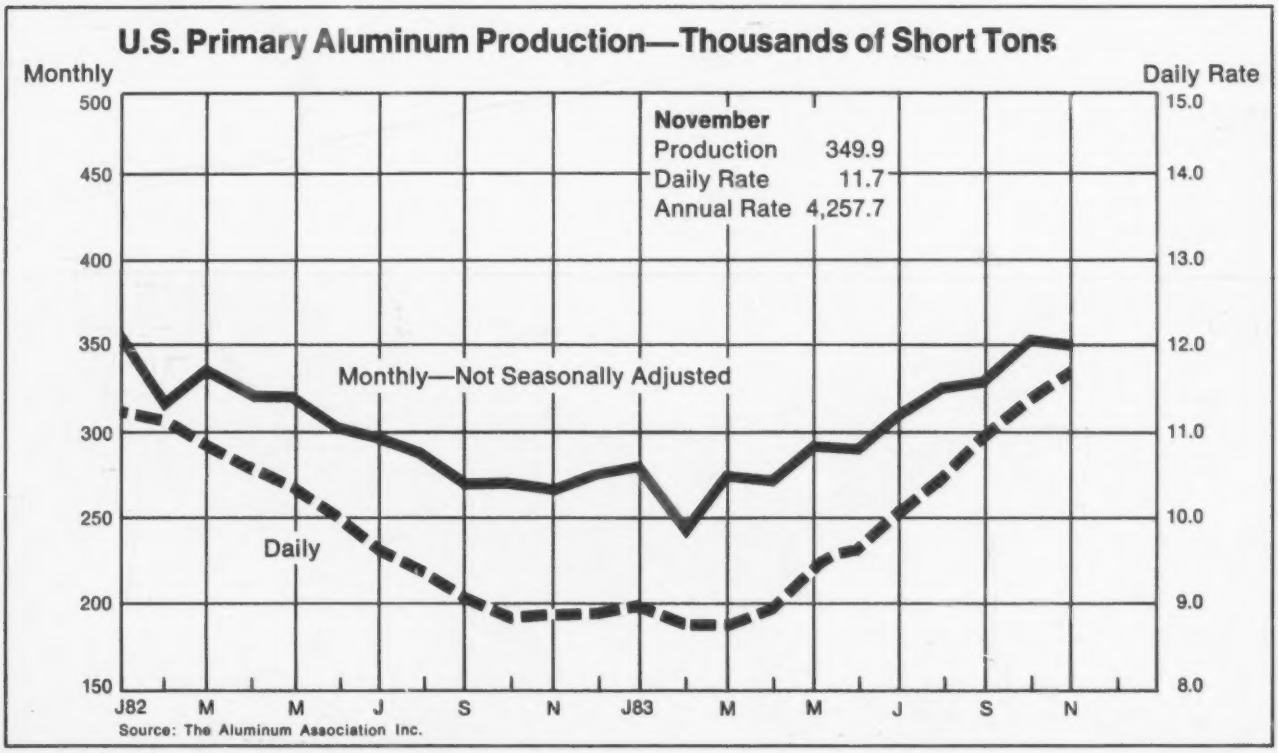
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Up 31.4 Percent

U.S. primary aluminum production averaged 11,665 short tons daily during November 1983 compared with an average 8,879 tons a day in November 1982.

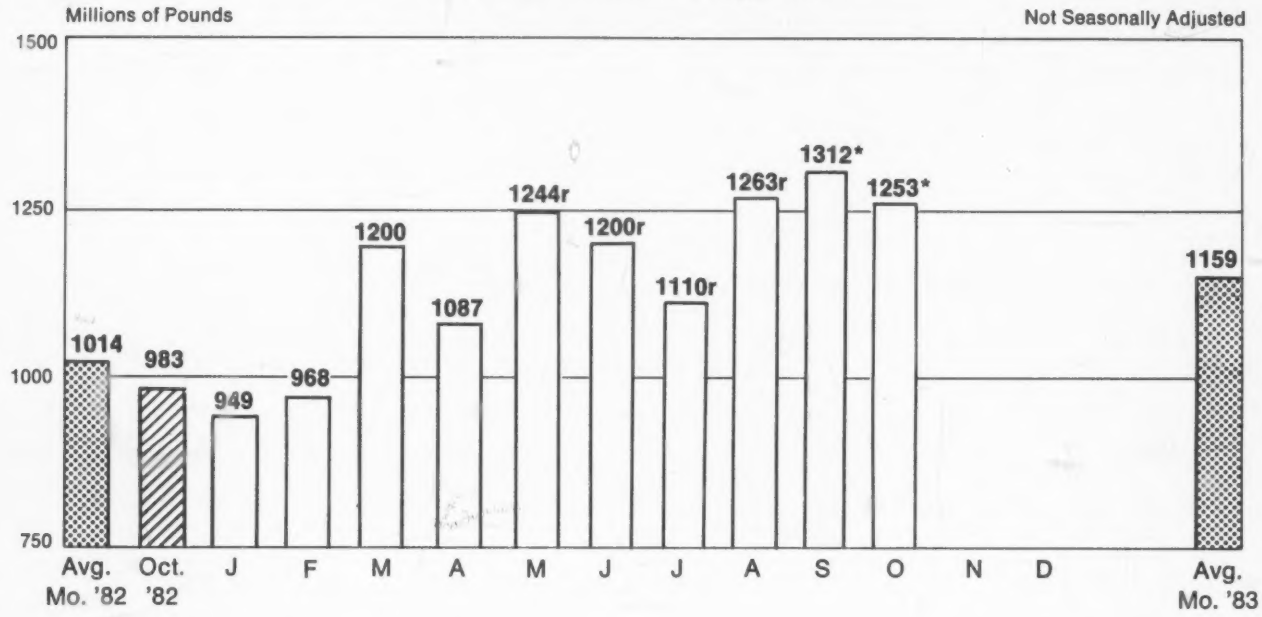
The annual rate of production in November 1983 was 4,257,664 tons, compared to 3,240,786 tons in November 1982. The October 1983 production rate was 4,153,141 tons.

Actual production in November 1983 was 349,945 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

	1983 October*	1983 September*	1982 October	% Change Latest Month 1983 v. 1982
Sheet & Plate	516.0	552.0	416.6	+ 23.9
Foil	71.0	70.0	62.8	+ 13.1
Rod, Bar & Wire	22.0	21.0	16.9	+ 30.2
Electrical Conductor	57.0	56.0	52.6	+ 8.4
Extruded Products	204.0	200.0	162.6	+ 25.5
Welded Tube	6.0	4.0	2.3	+160.9
Powder & Pigments	6.0	8.9	6.9	− 13.0
Forgings & Impacts	11.0	9.0	8.9	+ 23.6
Net Imports of Mill Products (Total) (a)	50.0	42.0	32.6	+ 53.4
Total Mill Products	943.0	962.0	762.2	+ 23.7
Ingot	310.0(b)	350.0(b)	220.7	+ 40.5
TOTAL INDUSTRY SHIPMENTS	1,253.0	1,312.0	982.9	+ 27.5
Exports	(96.7)	(127.8)	(162.8)	− 40.6
TOTAL DOMESTIC SHIPMENTS	1,156.3	1,184.2	820.1	+ 41.0

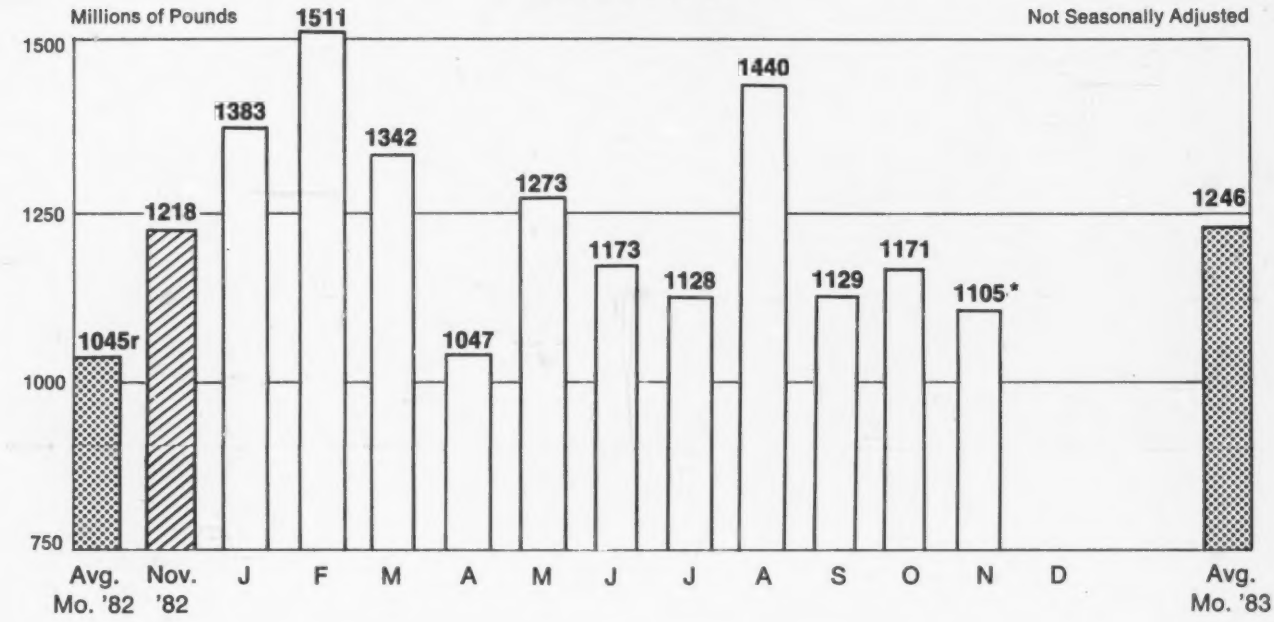
* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

October 1983 Net Shipments Up 27.5 Percent vs. Year Ago

Total October 1983 net shipments of 1,253 million pounds were up an estimated 27.5% above October 1982 shipments of 983 million pounds. Domestic shipments were up 41.0%.

*Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Economic Affairs Dept. for details.

Order Receipts



Order Receipts
(Millions of Pounds)

	1983* November	1983 October	1982 November	% Change Latest Month 1983 vs. 1982
Can Stock (a)	226.4	237.4	264.5	−14.4
Sheet & Plate, Other	338.2	312.1	225.1	+50.2
Foil	86.6	87.6	67.6	+28.1
Rod, Bar & Wire	17.9	21.8r	13.2	+35.6
Electrical Conductor	77.3	71.6	66.7	+15.4
Extruded Products	164.2	205.1	157.2	+ 4.5
Powder & Paste	5.3	6.1	4.7	+12.8
Forgings & Impacts	7.6	6.9	6.7	+13.4
Domestic Mill Products	923.5	948.6r	805.7	+14.6
Ingot (Total)	111.9	106.0r	306.1	−63.4
TOTAL DOMESTIC	1,035.4	1,054.6r	1,111.8	− 6.9
Exports	69.9	116.2	106.4	−34.3
TOTAL ALL PRODUCTS	1,105.3	1,170.8	1,218.2	− 9.3

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
* Latest month.
r-revised.

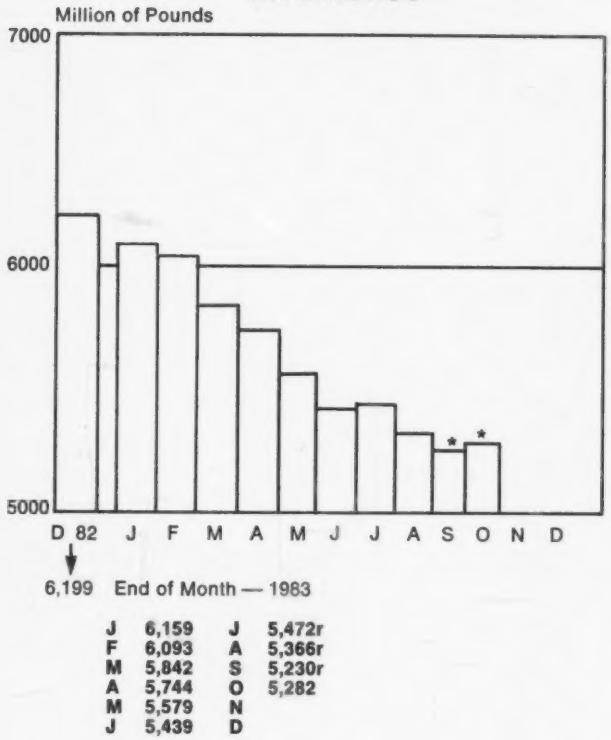
November 1983 Orders 9.3 Percent Below November 1982

Estimated net new order receipts for November 1983 of 1,105 million pounds were down 9.3% from the 1,218 million pounds of November 1982. Domestic mill product orders, however, were 14.6% higher.

Producers Stocks Up 52 Million Pounds

Producer inventories increased an estimated 52 million pounds in October 1983 from an estimated 5,230 million pounds in September to an estimated 5,282 million pounds. Integrated producer stocks rose 49 million pounds. Nonintegrateds' stocks were up an estimated 3 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Oct. '83*	Sep. '83*	Oct. '83 vs. Year End '82
Integrateds	4,246	4,197	−978
Smelters	200	200	− 16
Nonintegrated	836	833r	+ 77
TOTAL	5,282	5,230r	−917

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Economic Affairs Dept. for details.

Imports and Exports
(Millions of Pounds)

		1983 October	1983 September	1982 October	% Change Latest Month 1983 v. 1982
Imports	Mill Products	65.2	48.5	40.0	+ 63.0
	Ingot	128.1	124.6	105.2	+ 21.8
	TOTAL	193.3	173.1	145.2	+ 33.1
	Scrap (+ dross)	24.5	21.5	13.0	+ 88.5
Exports	Mill Products	36.3	36.1	43.8	− 17.1
	Ingot	60.3	91.7	119.0	− 49.3
	TOTAL	96.6	127.8	162.8	− 40.7
	Scrap	43.7	50.4	38.1	+ 14.7
Net Imports		+77.5	+16.4	(42.7)	+181.5

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

MAKE IT WITH ALUMINUM®

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

January 1984 2/3/84

A0400-1

Total Net Shipments Up 14.5 Percent

Net shipments of aluminum ingot and mill products in 11 months of 1983, at an estimated 12,674 million pounds were 14.5% higher than shipments of 11,066 million pounds for 11 months of 1982.

Domestic shipments totalled 11,523 million pounds for 11 months of 1983, representing an increase of 16.9% from the 9,859 million pounds shipped in 11 months of 1982.

Exports of 1,151 million pounds were down 4.6% vs. 1,207 million pounds for 11 months of 1982.

Thru November 1983

	11 Mos. 1983	11 Mos. 1982	% Change
Mill Products	10,135	8,792	+15.3
Ingot	2,539	2,274	+11.7
Total	12,674	11,066	+14.5
Less Exports	(1,151)	(1,207)	− 4.6
Domestic Total	11,523	9,859	+16.9

Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

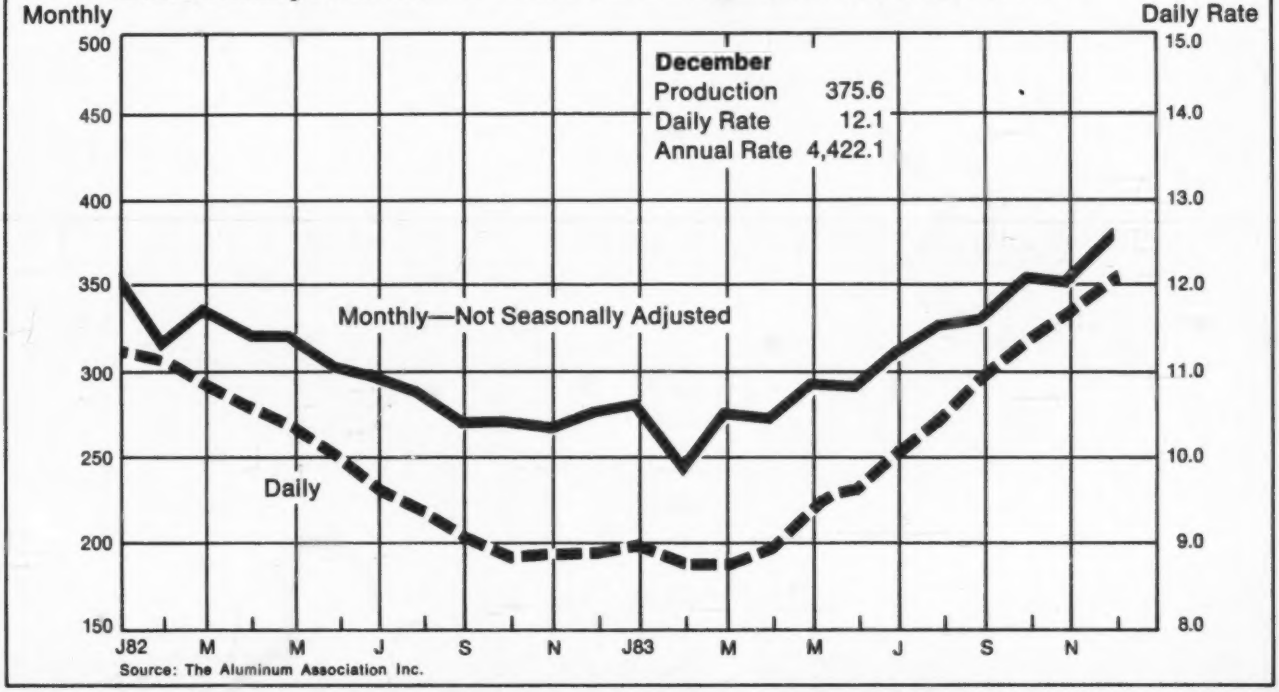
Primary Production Rate Up 36.5 Percent

U.S. primary aluminum production averaged 12,115 short tons daily during December 1983 compared with an average 8,875 tons a day in December 1982.

The annual rate of production in December 1983 was 4,422,081 tons, compared to 3,239,310 tons in December 1982. The November 1983 production rate was 4,257,664 tons.

Actual production in December 1983 was 375,574 tons. Preliminary 1983 year-end total production totalled 3,696,315 tons, 2.4% greater than the 1982 year total of 3,608,632 tons.

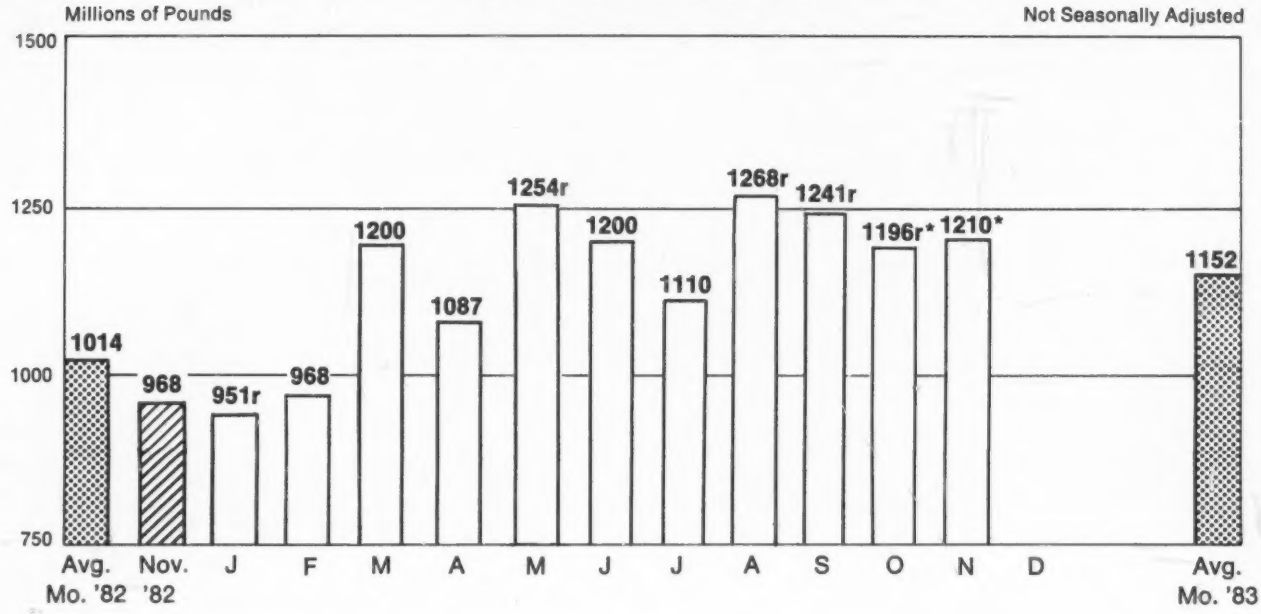
U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association Inc.

Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

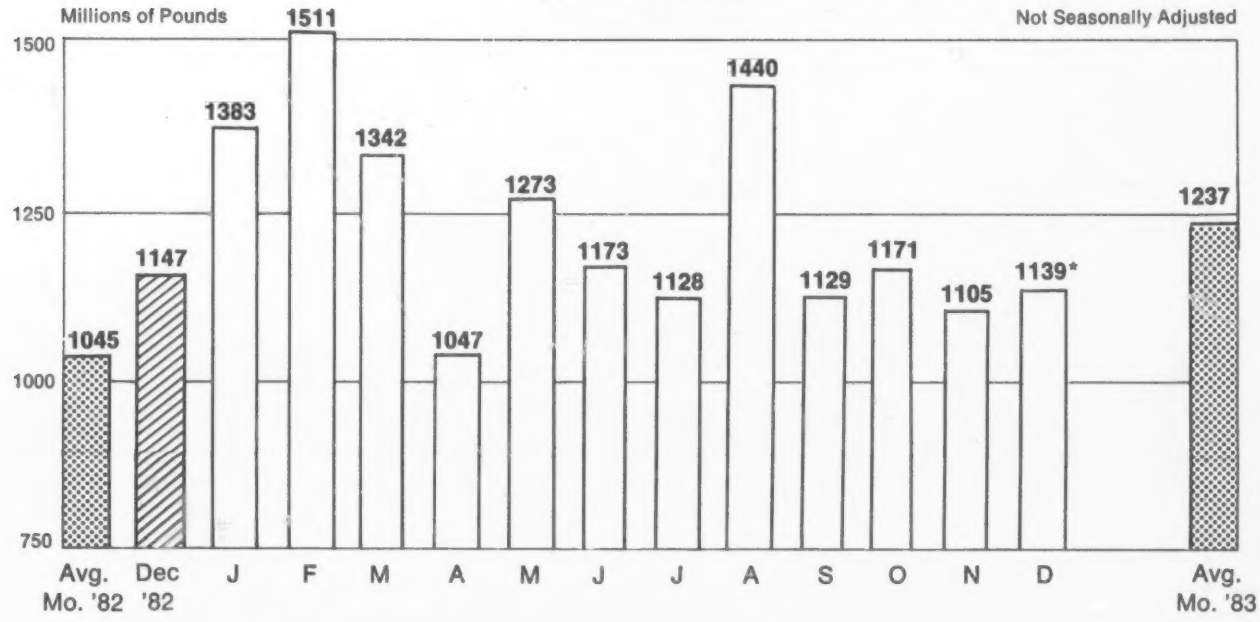
	1983 November*	1983 October*	1982 November	% Change Latest Month 1983 v. 1982
Sheet & Plate	518.0	506.0r	419.1	+23.6
Foil	68.0	71.0	61.2	+11.1
Rod, Bar & Wire	24.0	22.0	17.4	+37.9
Electrical Conductor	58.0	56.0r	42.9	+35.2
Extruded Products	186.0	200.0r	162.0	+14.8
Welded Tube	5.0	6.0	3.7	+35.1
Powder & Pigments	5.0	6.0	7.3	−31.5
Forgings & Impacts	11.0	11.0	8.3	+32.5
Net Imports of Mill Products (Total) (a)	42.0	50.0	33.4	+25.7
Total Mill Products	917.0	928.0r	755.3	+21.4
Ingot	293.0(b)	268.0(b)r	212.5	+37.9
TOTAL INDUSTRY SHIPMENTS	1,210.0	1,196.0r	967.8	+25.0
Exports	(150.1)	(96.6)	(119.5)	+25.6
TOTAL DOMESTIC SHIPMENTS	1,059.9	1,099.4r	848.3	+24.9

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

November 1983 Shipments Up 25.0 Percent vs. Year Ago

Total November 1983 net shipments of 1,210 million pounds were up an estimated 25.0% above November 1982 shipments of 968 million pounds. Domestic shipments were up an estimated 24.9%.

Order Receipts



Order Receipts
(Millions of Pounds)

	1983* December	1983 November	1982 December	% Change Latest Month 1983 vs. 1982
Can Stock (a)	256.5	226.4	236.7	+ 8.4
Sheet & Plate, Other	332.4	338.2	237.1	+40.2
Foil	70.3	86.6	60.9	+15.4
Rod, Bar & Wire	22.3	17.9	15.4	+44.8
Electrical Conductor	74.6	77.3	51.6	+44.6
Extruded Products	126.7	164.2	151.8	−16.5
Powder & Paste	10.0	5.3	6.9	+44.9
Forgings & Impacts	8.2	7.6	8.2	—
Domestic Mill Products	901.0	923.5	768.6	+17.2
Ingot (Total)	148.9	111.9	268.3	−44.5
TOTAL DOMESTIC	1,049.9	1,035.4	1,036.9	+ 1.3
Exports	89.1	69.9	110.2	−19.1
TOTAL ALL PRODUCTS	1,139.0	1,105.3	1,147.1	− 0.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
* Latest month.
r-revised.

December 1983 Orders About Same Level as December 1982

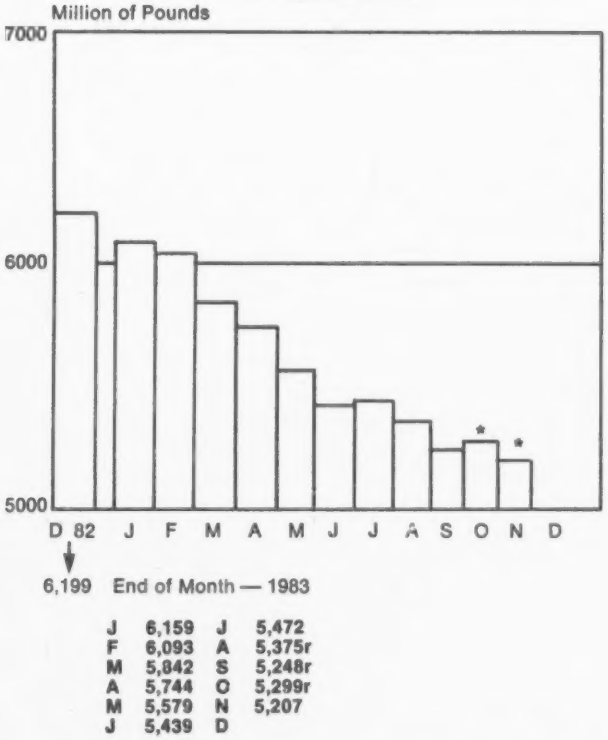
Estimated net new order receipts for December 1983 of 1,139 million pounds were only 0.7% below December 1982 orders of 1,147 million pounds. Domestic mill product orders were 17.0% above a year ago. Total orders for the year 1983 of 14,839 million pounds were 18.4% above the 1983 total of 12,535 million pounds.

Producers Stocks Down 92 Million Pounds

Producer inventories decreased an estimated 92 million pounds in November 1983 from an estimated 5,299 million pounds in October to an estimated 5,207 million pounds.

Integrated producer stocks dropped 97 million pounds. Nonintegrateds' stocks increased an estimated 5 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Nov. '83	Oct. '83	Nov. '83 vs. Year End '82
Integrateds	4,145	4,242	−1,079
Smelters	202	202	− 14
Nonintegrated	860	855	+ 101
TOTAL	5,207	5,299	− 992

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Economic Affairs Dept. for details.

Imports and Exports
(Millions of Pounds)

		1983 November	1983 October	1982 November	% Change Latest Month 1983 v. 1982
Imports	Mill Products	52.9	65.2	38.6	+ 37.0
	Ingot	139.9	128.1	120.1	+ 16.5
	TOTAL	192.8	193.3	158.7	+ 21.5
	Scrap (+ dross)	24.8	24.5	16.8	+ 47.6
Exports	Mill Products	38.0	36.3	35.2	+ 8.0
	Ingot	112.1	60.3	84.3	+ 33.0
	TOTAL	150.1	96.6	119.5	+ 25.6
	Scrap	38.4	43.7	45.3	− 15.2
Net Imports		+29.1	+77.5	+10.7	+172.0

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

MAKE IT WITH ALUMINUM®

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

4/30/84 A0400-1

February 1984

Year 1983 Shipments Up 14.8 Percent

Net shipments of aluminum ingot and mill products for 12 months of 1983, at an estimated 14,370 million pounds were 14.8% higher than shipments of 12,516 million pounds for 12 months of 1982.

Domestic shipments totalled 13,129 million pounds for 12 months of 1983, representing an increase of 17.0% from the 11,221 million pounds shipped in 12 months of 1982.

Exports of 1,241 million pounds for the year were down 4.2% vs. 1,295 million pounds for 12 months of 1982.

Thru December 1983

	12 Mos. 1983	12 Mos. 1982	% Change
Mill Products	11,103	9,504	+16.8
Ingot	3,267	3,012	+ 8.5
Total	14,370	12,516	+14.8
Less Exports	(1,241)	(1,295)	− 4.2
Domestic Total	13,129	11,221	+17.0

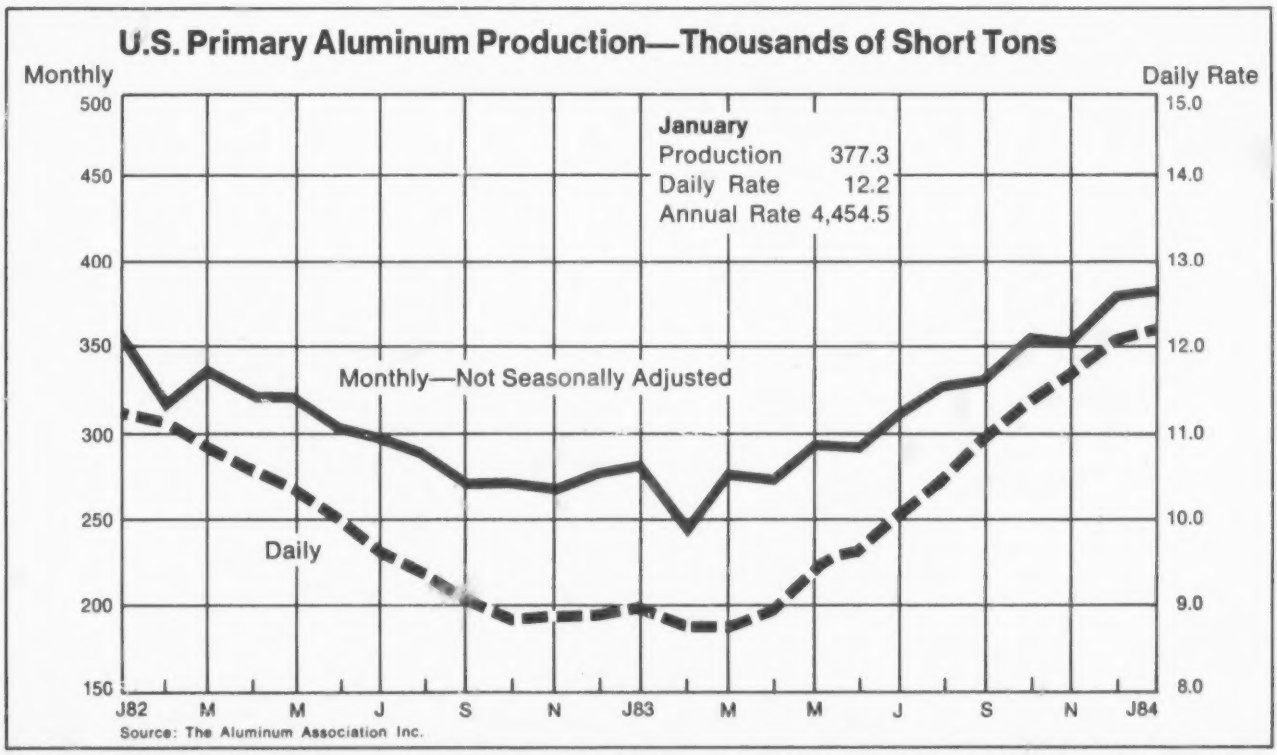
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census, as revised.

Primary Production Rate Up 35.1 Percent

U.S. primary aluminum production averaged 12,171 short tons daily in January 1984 compared with an average 9,010 tons a day in January 1983.

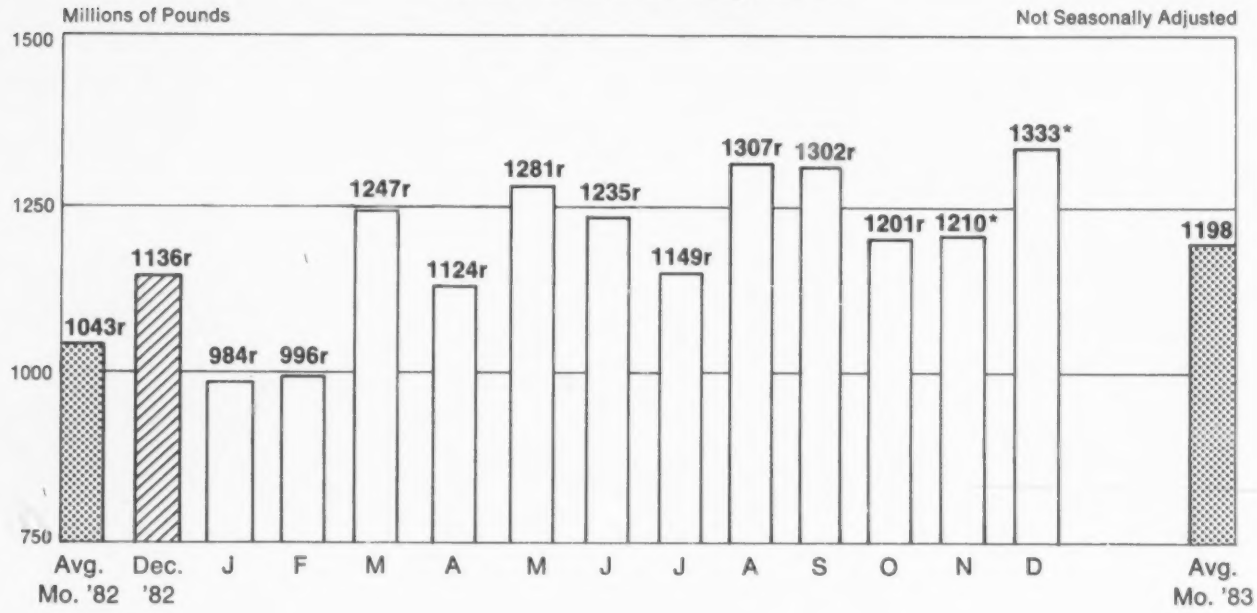
The annual rate of production in January 1984 was 4,454,521 tons, compared to 3,288,520 tons in January 1983. The December 1983 production rate was 4,422,081 tons.

Actual production in January 1984 was 377,296 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

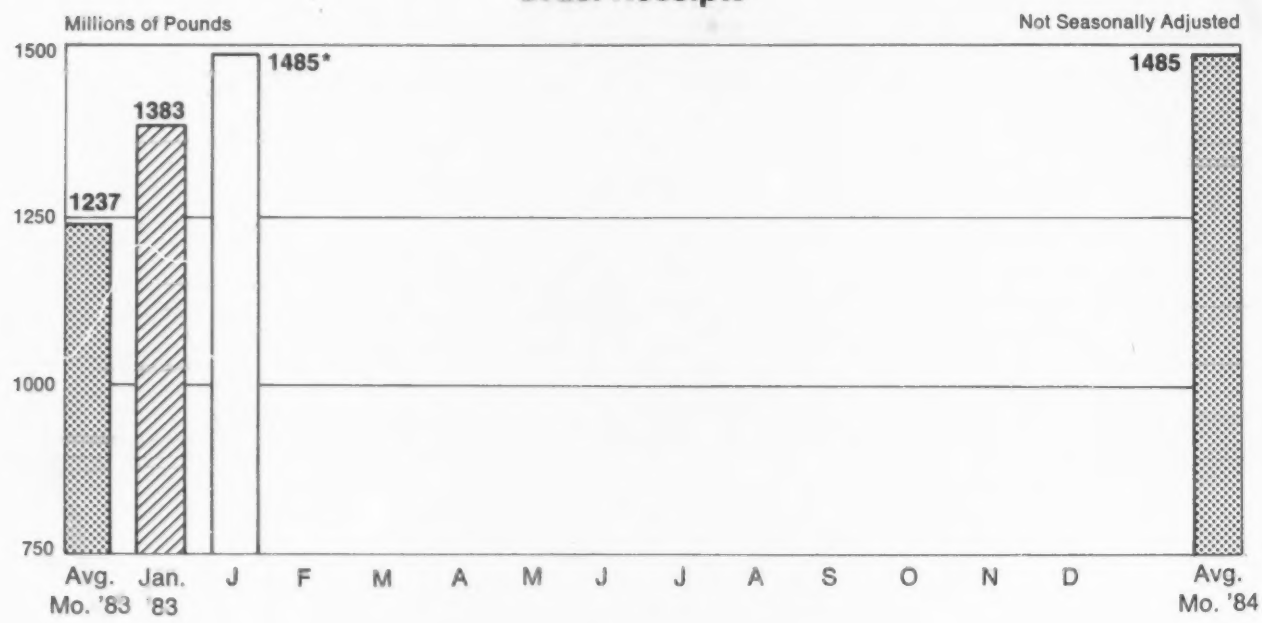
	1983 December*	1982 December(r)	1983 12 mos.	1982 12 mos.	% Change Years 1983 v. 1982
Sheet & Plate	564.0	389.4	6,299.4	5,329.1	+18.2
Foil	73.0	55.5	826.0	731.2	+13.0
Rod, Bar & Wire	27.0	17.0	257.3	241.2	+ 6.7
Electrical Conductor	59.0	53.9	694.0	621.2	+11.7
Extruded Products	169.0	149.4	2,237.0	1,961.4	+14.1
Welded Tube	5.0	4.4	55.9	47.9	+16.7
Powder & Pigments	6.0	4.7	78.7	80.0	− 1.6
Forgings & Impacts	10.0	7.6	116.0	104.2	+11.3
Net Imports of Mill Products (Total) (a)	46.0	29.7	538.4	388.0	+38.8
Total Mill Products	959.0	711.6	11,103.7	9,504.2	+16.8
Ingot	374.0(b)	424.6r	3,267.3r	3,012.0r	+ 8.5
TOTAL INDUSTRY SHIPMENTS	1,333.0	1,136.2r	14,370.0r	12,516.2r	+14.8
Exports	(89.3)	(87.3)	(1,240.8)	(1,294.7)	− 4.2
TOTAL DOMESTIC SHIPMENTS	1,243.7	1,048.9r	13,129.2r	11,221.5r	+17.0

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

Preliminary Estimate: Year 1983 Shipments Up 14.8 Percent

Total 1983 shipments totalled an estimated 14,370 million pounds, 14.8% higher than 12,516 million pounds (revised) for 1982. Recent Bureau of the Census revisions raised shipments of ingot for both years. 1983 domestic shipments were up 17.0% for the year.

Order Receipts



Order Receipts
(Millions of Pounds)

	1984* January	1983 December	1983 January	% Change Latest Montn 1984 vs. 1983
Can Stock (a)	367.0	256.5	249.2	+47.3
Sheet & Plate, Other	348.4	332.4	341.9	+ 1.9
Foil	73.8	70.3	75.1	− 1.7
Rod, Bar & Wire	23.8	22.3	24.7	− 3.6
Electrical Conductor	61.3	74.6	68.9	−11.0
Extruded Products	192.7	126.7	164.8	+16.9
Powder & Paste	6.9	10.0	8.8	−21.6
Forgings & Impacts	12.1	8.2	7.7	+57.1
Domestic Mill Products	1,086.0	901.0	941.1	+15.4
Ingot (Total)	313.4	148.9	322.6	− 2.9
TOTAL DOMESTIC	1,399.4	1,049.9	1,263.7	+10.7
Exports	85.1	89.1	119.0	−28.5
TOTAL ALL PRODUCTS	1,484.5	1,139.0	1,382.6	+ 7.4

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
* Latest month.
r-revised.

January 1984 Orders Up 7.4 Percent vs. Year Ago

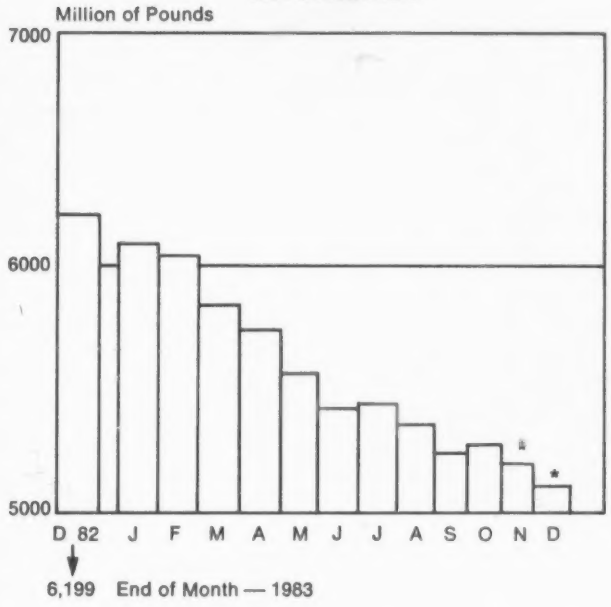
Estimated net new order receipts for January 1984 of 1,485 million pounds were 7.4% over January 1983 orders of 1,383 million pounds. Domestic mill product orders of 1,086 million pounds were 15.4% above those of a year ago.

Producers Stocks Reduced 1,096 Million Pounds in One Year

Producer inventories decreased an estimated 1,096 million pounds in the year 1983 from 6,199 million pounds in December 1982 to an estimated 5,103 millions pounds at year-end 1983.

Integrated producer stocks dropped 1,171 million pounds. Secondary smelters' stocks declined 16 million and nonintegrated stocks rose 91 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Dec.'83	Nov. '83	Dec. '83 vs. Year End '82
Integrateds	4,053	4.160	−1,171
Smelters	200	202	− 16
Nonintegrated	850	860	+ 91
TOTAL	5,103	5,222	−1,096

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Economic Affairs Dept. for details.

Imports and Exports
(Millions of Pounds)

		1983 December	1982 December	1983 Year	1982 Year	% Change 1983 v. 1982
Imports	Mill Products	56.7	37.1	618.3	455.6	+ 35.7
	Ingot	88.6	95.5	1,637 4	1,358.7	+ 20.5
	TOTAL	145.3	132.6	2,255.7	1,814.3	+ 24.3
	Scrap (+ dross)	24.1	13.9	209.5	152.3	+ 37.6
Exports	Mill Products	36.2	32.8	445.6	492.3	− 9.5
	Ingot	53.1	54.5	795.2	802.4	− 0.9
	TOTAL	89.3	87.3	1,240.8	1,294.7	− 4.2
	Scrap	96.0	30.4	578.5	428.6	+ 35.0
Net Imports		(15.9)	+28.8	+645.8	+243.4	+165.3

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

MAKE IT WITH ALUMINUM®

4/30/84 A0400-1

The Aluminum Situation

Department of Economics and Statistics — March 1984

Total Net Shipments Up 15.8 Percent

Net shipments of aluminum ingot and mill products in January 1984, at an estimated 1,140 million pounds were 15.8% higher than shipments of 984 million pounds in January 1983.

Domestic shipments totalled 1,046 million pounds for January 1984, representing an increase of 24.6% from the 839 million pounds shipped in January 1983.

Exports of 94 million pounds were down 34.9% vs. 145 million pounds for January 1983.

Thru January 1984

	Jan. 1984	Jan. 1983	% Change
Mill Products	940	814	+15.4
Ingot	200	170	+17.9
Total	1,140	984	+15.8
Less Exports	(94)	(145)	-34.9
Domestic Total	1,046	839	+24.6

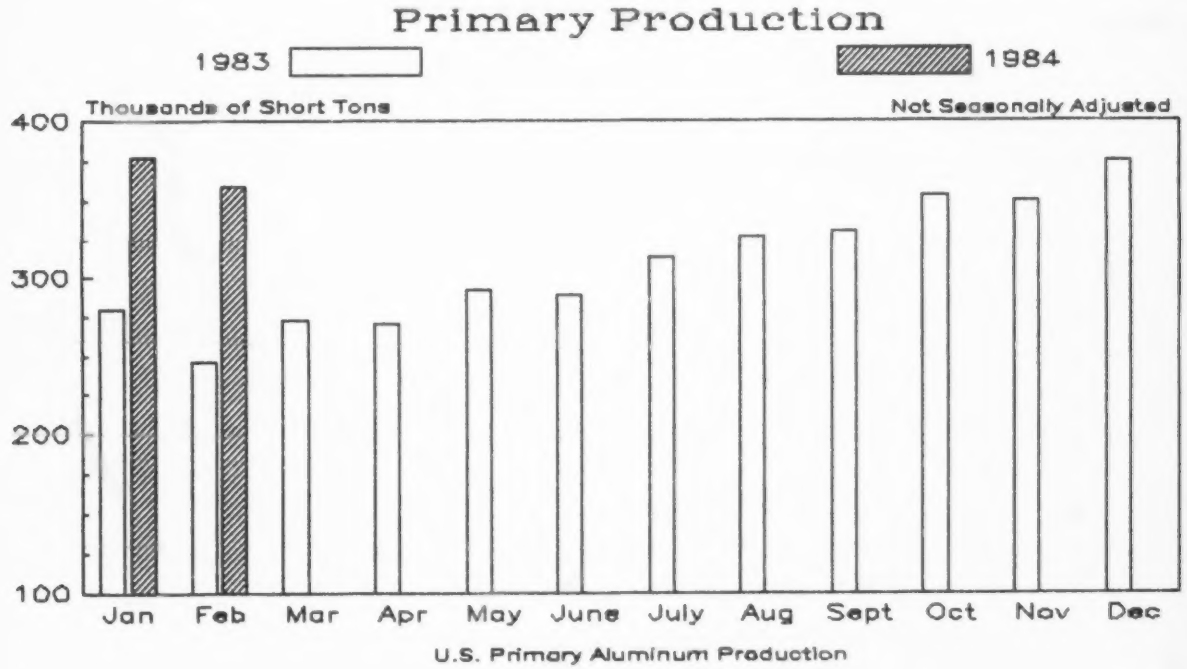
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Primary Production Rate Up 40.9 Percent

U.S. primary aluminum production averaged 12,360 short tons daily during February 1984 compared with an average 8,771 tons a day in February 1983.

The annual rate of production in February 1984 was 4,523,754 tons, compared to 3,201,578 tons in February 1983. The January 1984 production rate was 4,455,224 tons.

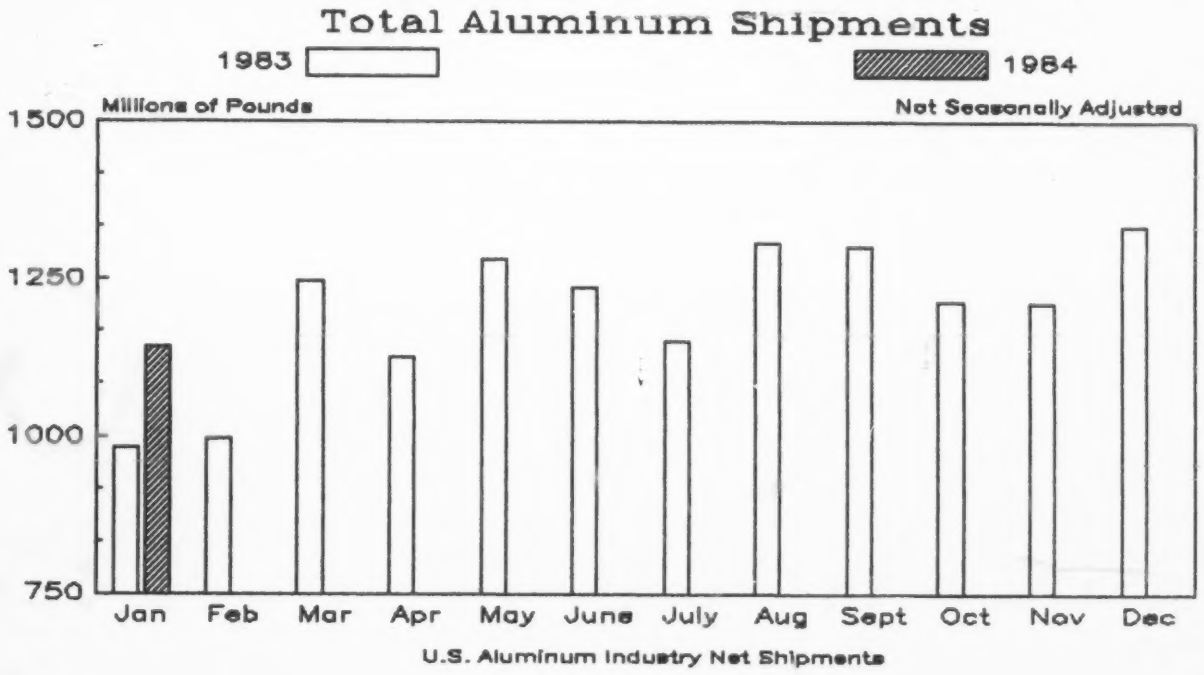
Actual production in February 1984 was 358,440 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

January Shipments Up 15.8 Percent Over Year Ago

January 1984 net shipments at an estimated 1,140 million pounds were 15.8% higher than January 1983 shipments of 984 million pounds. Domestic shipments at an estimated 1,046 million pounds were 24.6% higher than a year ago. Extrusions were up 50.8%.



U.S. Aluminum Industry Net Shipments

Net Shipments

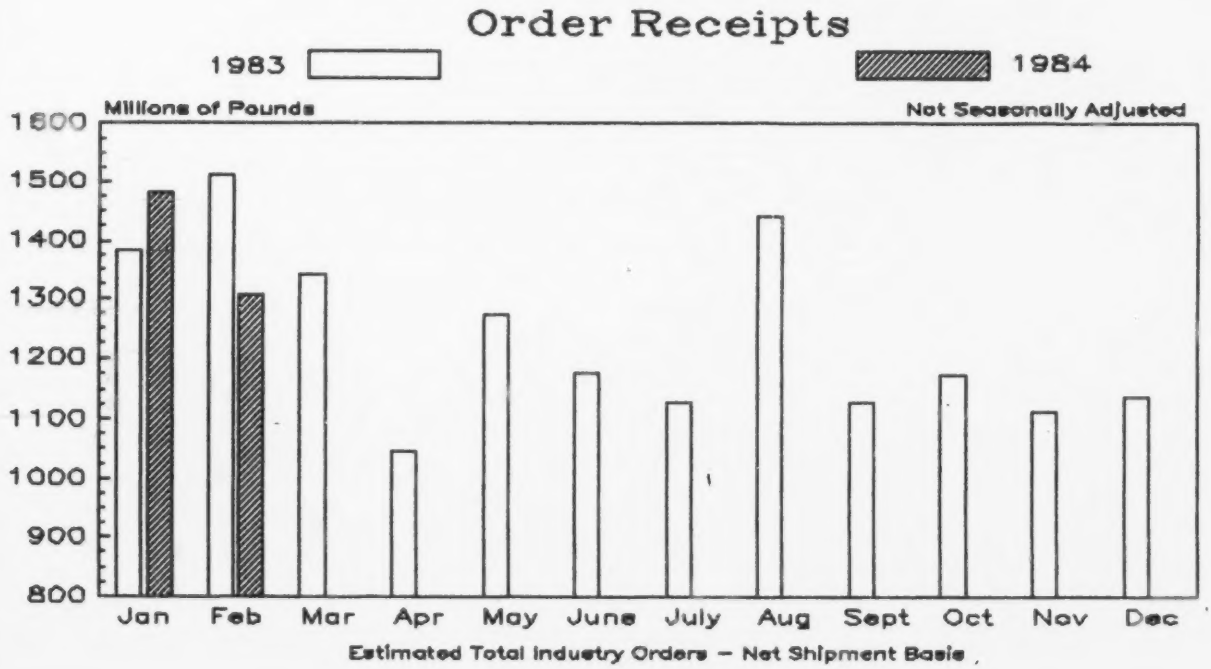
(Millions of Pounds)

	1984 January	1983 January	% Change 1984 v. 1983
Sheet	500.0	443.6	+12.7
Plate	20.0	17.9	+11.7
Foil	69.0	63.2	+10.9
Rod, Bar & Wire	24.0	18.6	+12.9
Electrical Conductor	48.0	50.1	- 4.2
Extruded Products	210.0	159.2	+50.8
Welded Tube	5.0	3.4	+47.1
Powder & Paste	5.0	6.6	-24.2
Forgings & Impacts	11.0	8.9	+23.6
Net Imports of Mill Products (Total) (a)	48.0	43.0	+11.6
Total Mill Products	940.0	814.5	+15.4
Ingot	200.0(b)	169.6	+17.9
TOTAL INDUSTRY SHIPMENTS	1,140.0	984.1	+15.8
Exports	(94.2)	(144.7)	-34.9
TOTAL DOMESTIC SHIPMENTS	1,045.8	839.4	+24.6

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

February Order Receipts Decreased 13.4% Over Year Ago

Estimated net new order receipts for February 1984 of 1,308 million pounds decreased 13.4% from February 1983 orders of 1,511 million pounds. February domestic mill product orders were 13.0% below a year ago. Total orders for the first 2 months of 1984 of 2,791 million pounds were down 3.6% from the 1983 total of 2,894 million pounds.



Order Receipts
(Millions of Pounds)

	1984 February	1983 February	1984 2 months	1983 2 months	% Change 1984 v. 1983
Can Stock(a)	256.2	394.5	623.2	643.7	- 3.18
Sheet & Plate, Other	376.7	423.8	725.1	765.7	- 5.30
Foil	59.3	72.2	133.1	147.2	- 9.65
Rod, Bar & Wire	25.1	26.2	48.9	50.9	- 3.93
Electrical Conductor	73.5	48.4	134.8	117.3	+14.92
Extruded Products	230.7	216.0	423.4	380.8	+11.19
Powder & Paste	8.1	7.5	15.0	16.3	- 7.98
Forgings & Impacts	8.6	4.4	20.7	12.1	+71.07
Domestic Mill Products	1,038.2	1,193.0	2,124.2	2,134.0	- 0.46
Ingot (Total)	172.4	256.8	489.3	579.4	-15.55
TOTAL DOMESTIC	1,210.6	1,449.8	2,613.4	2,713.4	- 3.69
Exports	97.2	61.2	177.2	180.2	- 1.66
TOTAL ALL PRODUCTS	1,307.8	1,511.0	2,790.6	2,893.6	- 3.56

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in January 1984

Producer inventories increased an estimated 125 million pounds in the January 1984 from year-end 1983. Integrated producers' stocks went up 105 million pounds and non-integrateds' stocks increased 20 million pounds.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Jan 83	6,129	5,205	165	759
Feb 83	6,093	5,152	181	760
Mar 83	5,892	4,914	199	779
Apr 83	5,744	4,774	189	781
May 83	5,579	4,596	190	793
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,216	4,154	190	872
Dec 83	5,046	3,990	190	866
Jan 84	5,171	4,095	190	886

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports

(Millions of Pounds)

		1984 January	1983 January	% Change 1983 v. 1982
Imports	Mill Products	71.4	48.4	+47.5
	Ingot	141.0	106.1	+33.0
	Total	212.4	154.5	+37.5
	Scrap (+ dross)	16.5	8.4	+96.4
	Grand Total	228.9	162.9	+40.5
Exports	Mill Products	48.7	32.5	+49.9
	Ingot	48.9	112.2	-56.4
	Total	97.6	144.7	-32.6
	Scrap	45.2	26.9	+67.8
	Grand Total	142.8	171.6	-16.8
Net Imports		+89.5	(8.7)	-

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

4/30/84 A0400-A

The Aluminum Situation

Department of Economics and Statistics — April 1984

Total Net Shipments Up 22.3 Percent

Net shipments for the first two months of 1984, at an estimated 2,421 million pounds, were 22.3% higher than 1,980 million pounds for two months of 1983.

Domestic shipments totalled 2,236 million pounds, representing an increase of 26.0% over the 1,774 million pounds shipped in the first two months of 1983.

Exports of 185 million pounds were down 21 million pounds from the first two months of 1983.

Thru February 1984

	2 mos. 1984	2 mos. 1983	% Change
Mill Products	1,907	1,607	+18.7
Ingot	514	373	+37.8
Total	2,421	1,980	+22.3
Less Exports	(185)	(206)	-10.2
Domestic Total	2,236	1,774	+26.0

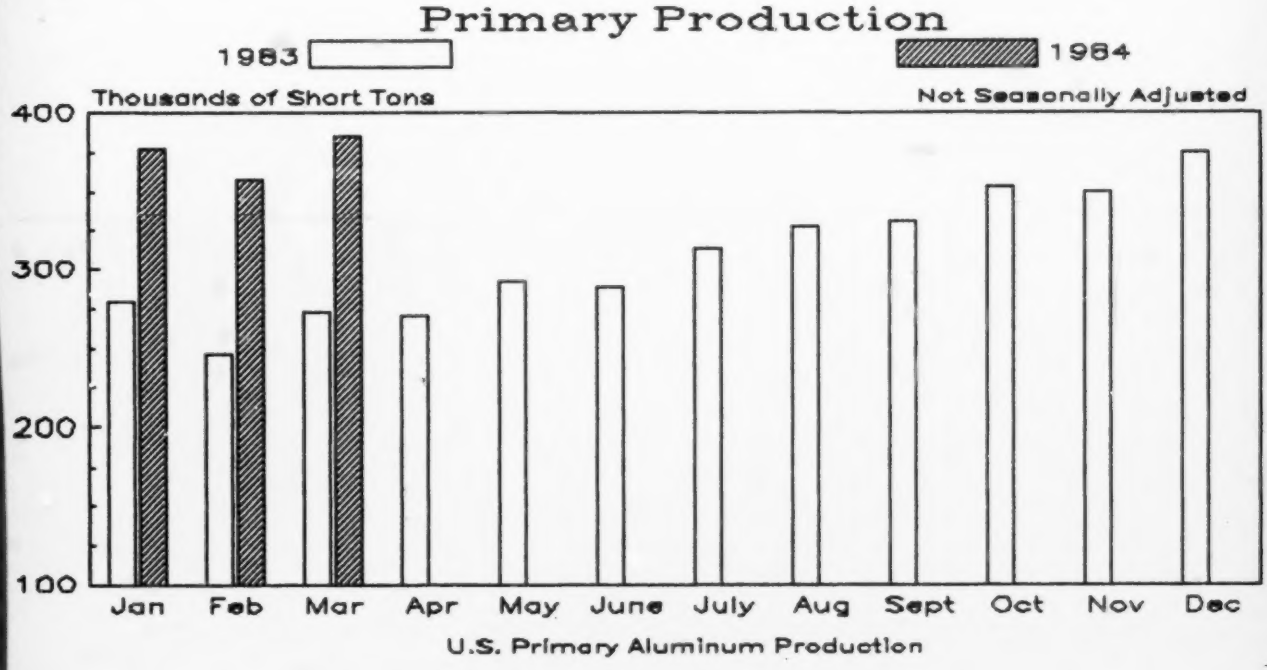
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Primary Production Rate Up 41.3 Percent

U.S. primary aluminum production averaged 12,443 short tons daily during March 1984 compared with an average 8,809 tons a day in March 1983.

The annual rate of production in March 1984 was 4,554,244 tons, compared to 3,215,367 tons in March 1983. The February 1984 production rate was 4,523,754 tons.

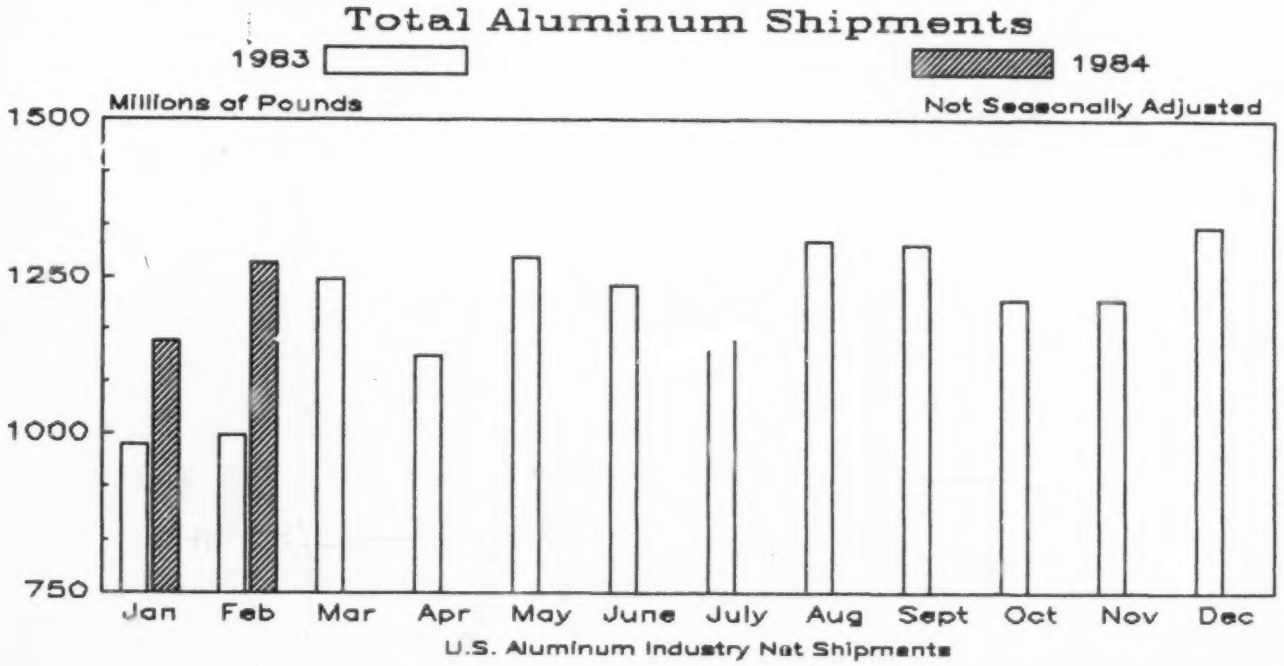
Actual production in March 1984 was 385,742 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

February 1984 Shipments Up 27.8 Percent Over Year Ago

February 1984 net shipments at an estimated 1,273 million pounds were 27.8% higher than February 1983 shipments of 996 million pounds. Domestic shipments were up 26.8%. February also represented a 125 million pound or 10.9% increase over January 1984.



Net Shipments

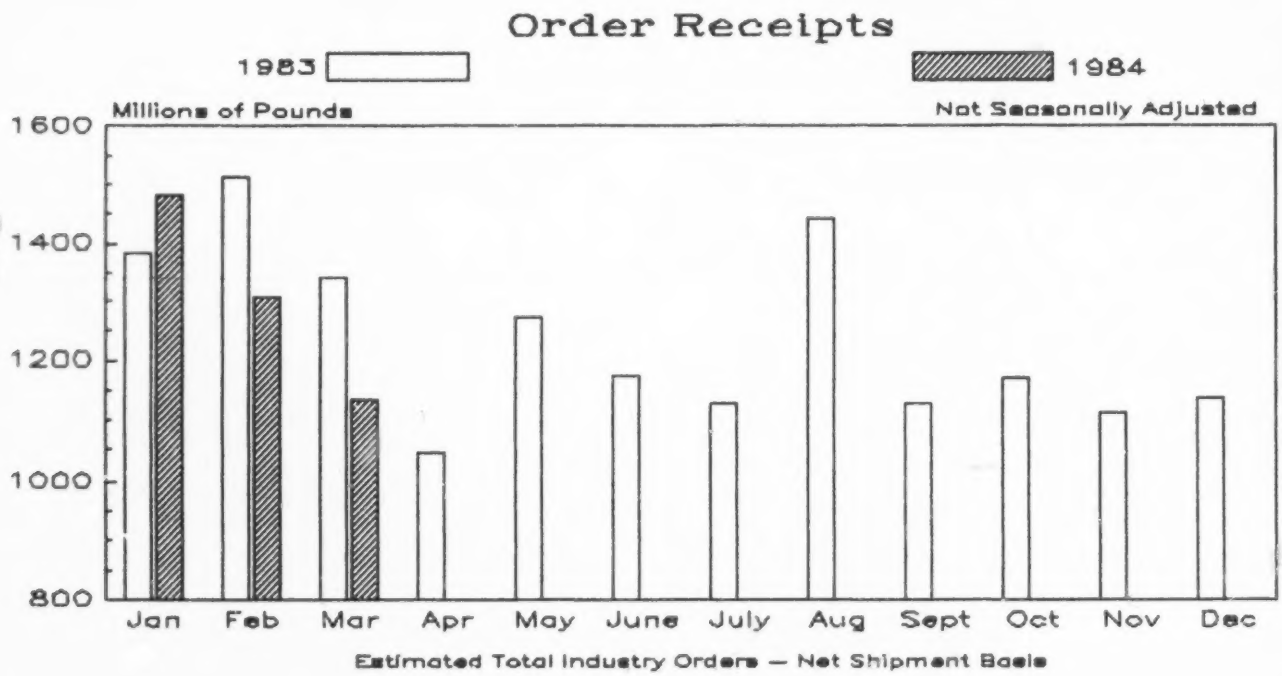
(Millions of Pounds)

	1984* Feb.	1983 Feb.	1984 2 mos.	1983 2 mos.	% Change 1984 vs. 1983
Sheet	513.0	417.3	1,022.0	860.9	+18.7
Plate	20.0	16.5	39.0	34.4	+13.4
Foil	69.0	60.7	138.0	123.9	+11.4
Rod, Bar & Wire	23.0	17.5	47.0	36.1	+30.2
Electrical Conductor	53.0	54.3	101.0	104.4	- 3.3
Extruded Products	204.0	166.9	414.0	326.1	+27.0
Welded Tube	5.0	4.2	10.0	7.6	+31.6
Powder & Paste	7.0	6.4	12.0	13.0	- 7.7
Forgings & Impacts	12.0	9.3	23.0	18.2	+26.4
Net Imports of Mill Products (Total) (a)	53.0	39.7	101.0	82.7	+22.1
Total Mill Products	959.0	792.8	1,907.0	1,607.3	+18.6
Ingot	314.0(b)	203.1	514.0(b)	372.7	+37.9
TOTAL INDUSTRY SHIPMENTS	1,273.0	995.9	2,421.0	1,980.0	+22.3
Exports	87.4	61.1	184.9	205.8	-10.2
TOTAL DOMESTIC SHIPMENTS	1,185.6	934.8	2,236.1	1,774.2	+26.0

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

First Quarter 1984 Order Receipts Down 7.3 Percent vs. Year Ago

Estimated net new order receipts for the first 3 months of 1984 of 3,924 million pounds were 7.4% below the first quarter 1983 total of 4,235 million pounds. Domestic mill product orders were only down 1.8%, however. Total March 1984 orders of 1,134 million pounds were 13.3% less than February 1984 and 15.5% less than March 1983.



Order Receipts

(Millions of Pounds)

	1984 * March	1983 March	1984 3 months	1983 3 months	% Change 1984 v. 1983
Can Stock(a)	240.9	213.6	864.1	857.3	+ 0.79
Sheet & Plate, Other	332.6	398.9	1,057.9	1,164.6	- 9.16
Foil	66.1	77.8	198.9	225.0	-11.60
Rod, Bar & Wire	25.1	27.8	74.0	78.7	- 5.97
Electrical Conductor	58.1	63.1	192.9	180.4	+ 6.93
Extruded Products	179.2	185.2	602.4	566.0	+ 6.43
Powder & Paste	24.0	10.5	39.0	26.8	+45.52
Forgings & Impacts	8.5	4.3	29.2	16.4	+78.05
Domestic Mill Products	934.5	981.2	3,058.4	3,115.2	- 1.82
Ingot (Total)	159.3	314.1	648.6	893.5	-27.41
TOTAL DOMESTIC	1,093.8	1,295.3	3,707.0	4,008.7	- 7.53
Exports	39.9	46.3	217.1	226.5	- 4.15
TOTAL ALL PRODUCTS	1,133.7	1,341.6	3,924.1	4,235.2	- 7.35

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in February 1984 By 60 Million Pounds

Producer inventories increased an estimated 60 million pounds in February 1984 from January 1984. Integrated producers' stocks went up 53 million pounds and non-integrateds' stocks increased 7 million pounds.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Feb 83	6,093	5,152	181	760
Mar 83	5,892	4,914	199	779
Apr 83	5,744	4,774	189	781
May 83	5,579	4,596	190	793
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208r	4,140r	193r	874r
Dec 83	5,031r	3,978r	165r	888r
Jan 84	5,143r	4,085r	170r	888r
Feb 84	5,203	4,138	170	895

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports

(Millions of Pounds)

		1984 Feb.	1983 Feb,	1984 2 mos.	1983 2 mos.	% Change 1983 v. 1982
Imports	Mill Products	47.1	46.8	95.7	95.2	+ 0.53
	Ingot	40.3	93.8	89.2	199.9	- 55.38
	Total	87.4	140.6	184.9	295.1	- 37.34
	Scrap (+ dross)	37.1	11.4	82.3	19.9	+313.57
	Grand Total	124.5	152.0	267.2	315.0	- 15.17
Exports	Mill Products	90.6	34.3	162.0	66.8	+142.51
	Ingot	190.1	26.8	331.1	139.0	+138.20
	Total	280.7	61.1	493.1	205.8	+139.60
	Scrap	22.7	21.9	39.3	48.8	- 19.47
	Grand Total	303.4	83.0	532.4	254.6	+109.11
Net Imports		(178.9)	+69.0	(265.2)	+60.4	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

5/25/84 AO 400-1A

The Aluminum Situation

Department of Economics and Statistics

May 1984

BEST AVAILABLE COPY

Total Net Shipments Up 29.5 Percent

Net shipments for the first quarter of 1984, at an estimated 4,075 million pounds, were 29.5% higher than 3,227 million pounds for 1983's first quarter.

Domestic shipments of 3,802 million pounds were 26.3% higher then 2,937 million pounds shipped in 1983's first quarter.

Imports were up a strong 70.7% but exports declined 6%.

Thru March 1984

	3 mos. 1984	3 mos. 1983	% Change
Mill Products	3,114	2,599	+19.8
Ingot	961	628	+53.1
Total	4,075	3,227	+26.3
Less Exports	(273)	(290)	- 6.0
Domestic Total	3,802	2,937	+29.5

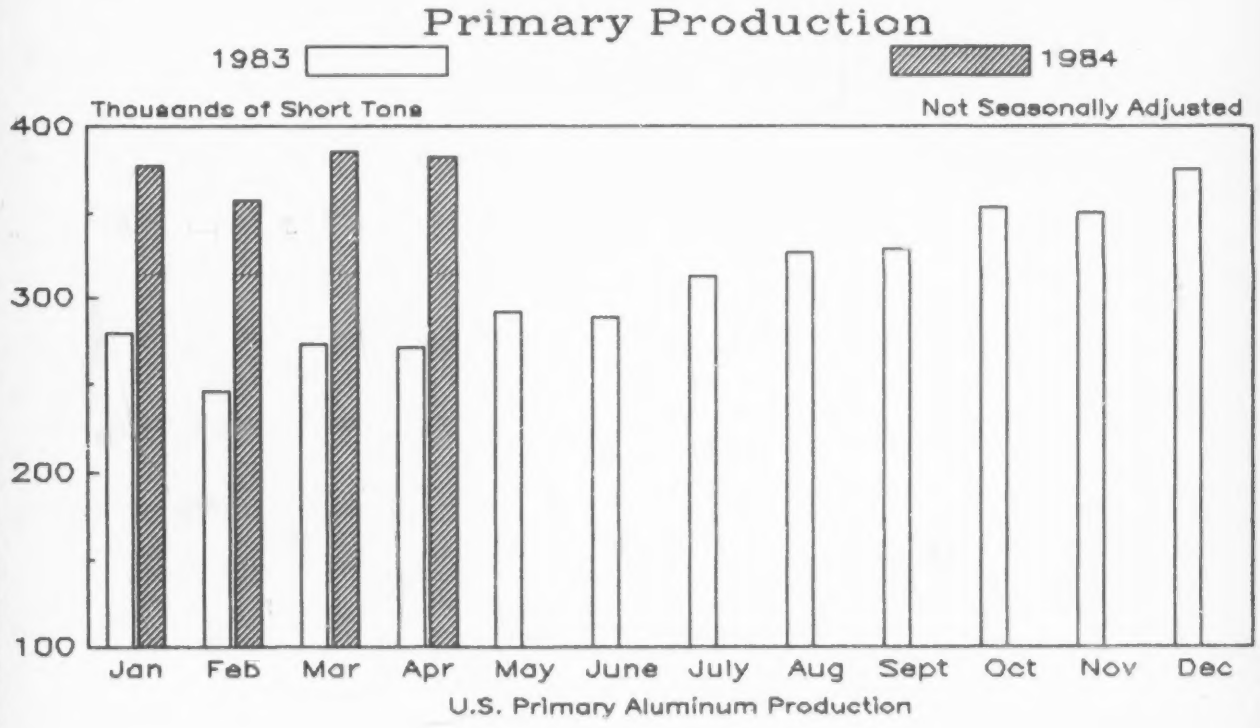
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Production Rate Up 41.6 Percent

U.S. primary aluminum production averaged 12,764 short tons daily during April 1984 compared with an average 9,015 tons a day in April 1983.

The annual rate of production in April 1984 was 4,671,758 tons, compared to 3,290,475 tons in April 1983. The revised March 1984 production rate was 4,551,334 tons.

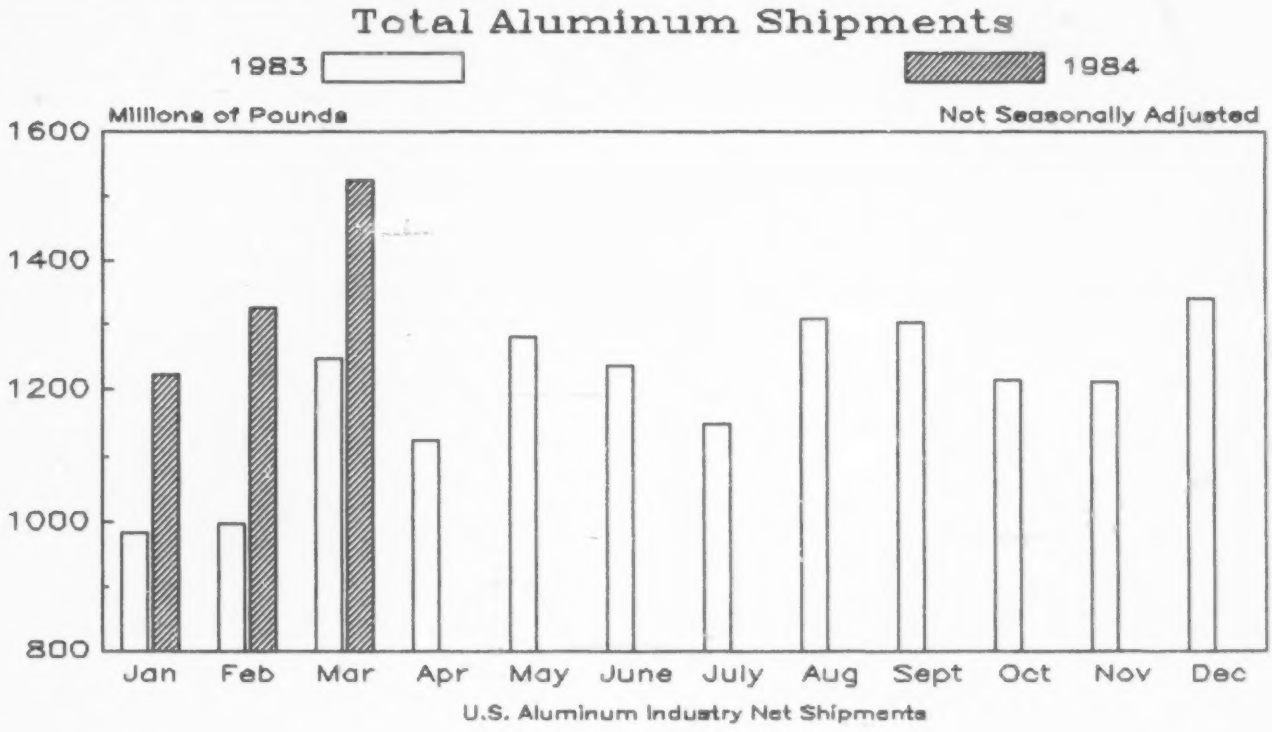
Actual production in April 1984 was 382,931 tons. March 1984 was revised to 385,496 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

March 1984 Shipments Up 22.4 Percent Over Year Ago

March 1984 net shipments at an estimated 1,526 million pounds were 22.4% higher than March 1983 shipments of 1,247 million pounds, and the highest single month's volume ever. Domestic shipments were up 23.7% vs. March 1983. Net imports of mill products were almost double those of a year ago.



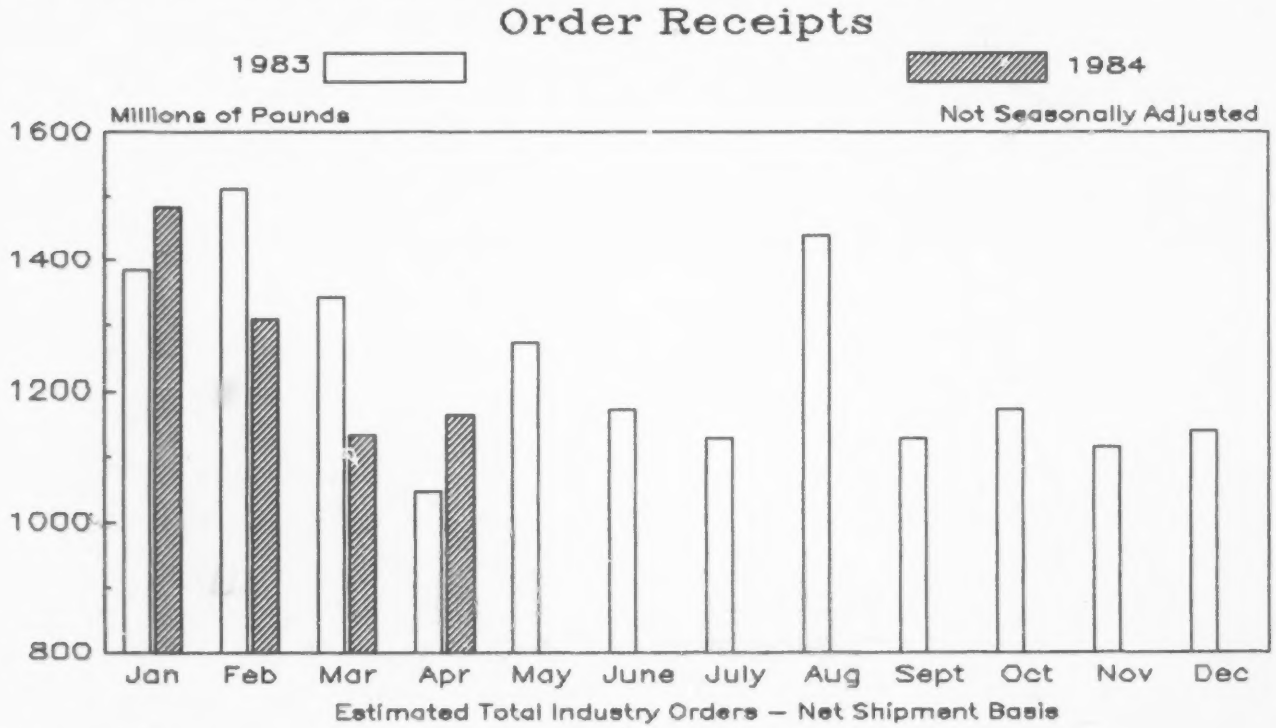
Net Shipments
(Millions of Pounds)

	1984 Mar.	1983 Mar.	1984 3 mos.	1983 3 mos.	% Change 1984 vs. 1983
Sheet	635.0	535.1	1,676.5	1,396.0	+20.1
Plate	22.0	21.9	61.3	56.3	+ 8.9
Foil	74.0	73.7	213.0	197.6	+ 7.8
Rod, Bar & Wire	27.0	28.7	74.0	64.8	+14.2
Electrical Conductor	67.0	65.4	170.6	169.8	+ 0.5
Extruded Products	215.0	198.2	622.1	524.3	+18.7
Welded Tube	5.0	3.9	16.1	11.5	+40.0
Powder & Paste	7.0	8.2	18.2	21.2	-14.2
Forgings & Impacts	12.0	10.4	35.1	28.6	+22.7
Net Imports of Mill Products (Total) (a)	86.0	46.1	226.9	128.8	+76.2
Total Mill Products	1,150.0	991.6	3,113.8	2,598.9	+19.8
Ingot	376.0	255.4	961.4	628.1	+53.1
TOTAL INDUSTRY SHIPMENTS	1,526.0	1,247.0	4,075.2	3,227.0	+26.3
Exports	(88.0)	(84.7)	(273.0)	(290.5)	- 6.0
TOTAL DOMESTIC SHIPMENTS	1,438.0	1,162.3	3,802.2	2,936.5	+29.5

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

April 1984 Order Receipts Up 11.2 Percent vs. Year Ago

Estimated net new order receipts for April 1984 of 1,163 million pounds were 11.2% higher than the 1,047 million pounds for April 1983. Domestic orders were 13.1% higher. Orders for can stock were about twice the April 1983 volume but other sheet and plate orders were down 20.3%. For the first four months of 1984, domestic mill product orders were 2.3 percent ahead of the same 1983 period.



Order Receipts
(Millions of Pounds)

	1984 April*	1983 April	1984 4 months	1983 4 months	% Change 1984 v. 1983
Can Stock (a)	306.1	157.9	1,170.2	1,015.2	+ 15.3
Sheet & Plate, Other	279.3	350.5	1,337.2	1,515.1	- 11.7
Foil	65.6	68.5	264.5	293.6	- 9.9
Rod, Bar & Wire	28.8	16.5	102.8	95.2	+ 8.0
Electrical Conductor	80.0	46.8	272.9	227.2	+ 20.1
Extruded Products	177.8	157.0	780.2	723.0	+ 7.9
Powder & Paste	6.5	7.9	45.5	34.7	+ 31.1
Forgings & Impacts	11.2	3.1	40.4	19.5	+107.2
Domestic Mill Products	955.3	808.2	4,013.7	3,923.5	+ 2.3
Ingot (Total)	142.9	162.7	791.5	1,056.2	- 25.1
TOTAL DOMESTIC	1,098.2	970.9	4,805.2	4,979.7	- 3.5
Exports	65.1	75.6	282.2	302.1	- 6.6
TOTAL ALL PRODUCTS	1,163.3	1,046.5	5,087.4	5,281.8	- 3.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventroies Increased in March 1984 By 46 Million Pounds

Producer inventories increased an estimated 46 million pounds in March 1984 from February 1984. Integrated producers' stocks went up 30 million pounds and non-integrateds' stocks increased 15 million pounds.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Mar 83	5,892	4,914	199	779
Apr 83	5,744	4,774	189	781
May 83	5,579	4,596	190	793
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208	4,140	193	874
Dec 83	5,009r	3,979r	163r	868r
Jan 84	5,153r	4,081r	184r	888
Feb 84	5,236r	4,132r	194r	920r
Mar 84	5,282	4,162	185	935

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports

(Millions of Pounds)

		1984 Mar.	1983 Mar,	1984* 3 mos.	1983 3 mos.	% Change 1984 v. 1983
Imports	Mill Products	106.0	51.8	268.0	147.0	+ 82.3
	Ingot	227.2	137.2	558.3	337.0	+ 65.6
	Total	333.2	189.0	826.3	484.1	+ 70.7
	Scrap (+ dross)	30.0	14.1	69.3	34.0	+103.7
	Grand Total	363.2	203.1	895.6	518.1	+ 72.9
Exports	Mill Products	48.3	53.9	144.0	120.6	+ 19.4
	Ingot	39.7	30.8	128.9	169.8	- 24.1
	Total	88.0	84.7	272.9	290.4	- 6.0
	Scrap	32.9	47.2	115.3	96.0	+ 20.1
	Grand Total	121.0	131.8	388.2	386.5	+ 0.5
Net Imports		242.2	71.2	507.3	131.6	

*Includes correction to February 1984 data where ingot imports and exports were inadvertently transposed.

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

A0400-1

The Aluminum Situation

Department of Economics and Statistics

June 1984

BEST AVAILABLE COPY

Total Net Shipments Up 24.0 Percent

Net shipments for the first four months of 1984, at an estimated 5,397 million pounds, were 24 percent higher than 4,351 million pounds for 1983's first four months.

Domestic shipments of 5,073 million pounds were 29.5% higher than 3,917 million pounds shipped in 1983's first four months.

Imports were up a strong 54.4% but exports declined 25.5%.

Thru April 1984

	4 mos. 1984	4 mos. 1983	% Change
Mill Products	4,148	3,504	+18.4
Ingot	1,249	847	+47.5
Total	5,397	4,351	+24.0
Less Exports	(324)	(434)	-25.3
Domestic Total	5,073	3,917	+29.5

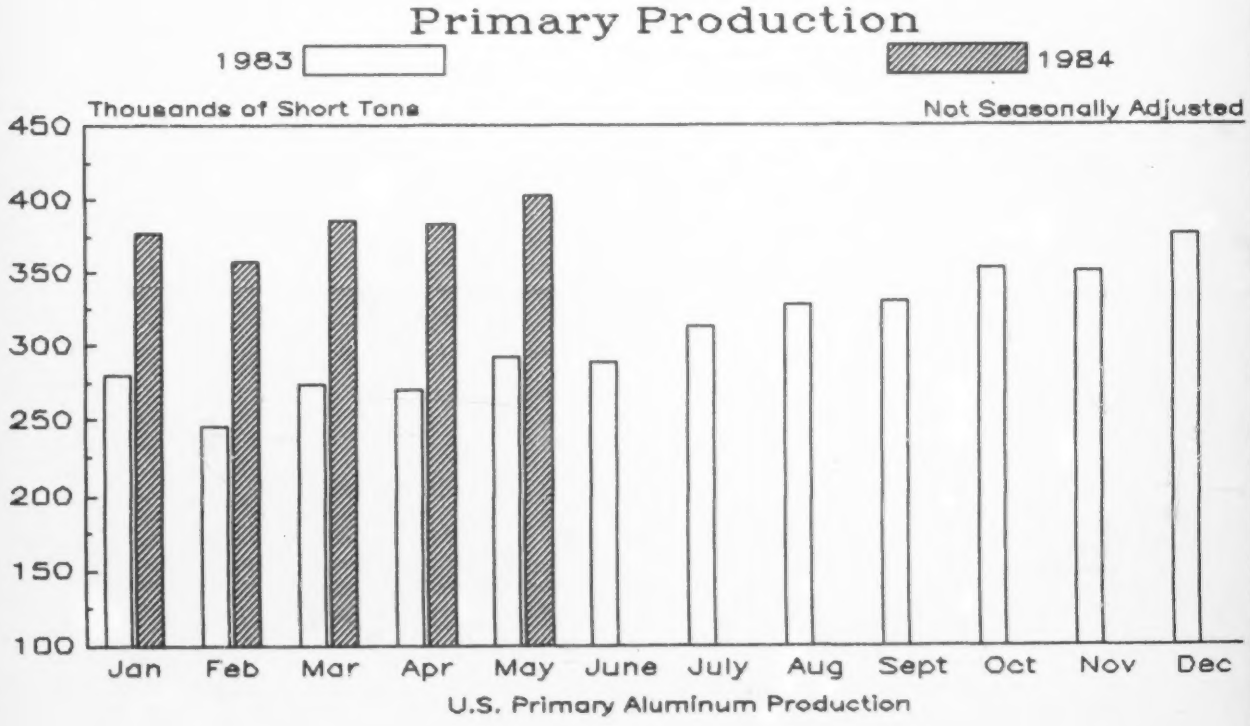
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Production Rate Up 40.1 Percent

U.S. primary aluminum production averaged 12,983 short tons daily during May 1984 compared with an average 9,411 tons a day in May 1983.

The annual rate of production in May 1984 was 4,751,843 tons, compared to 3,435,133 tons in May 1983. The revised April 1984 production rate was 4,671,941 tons.

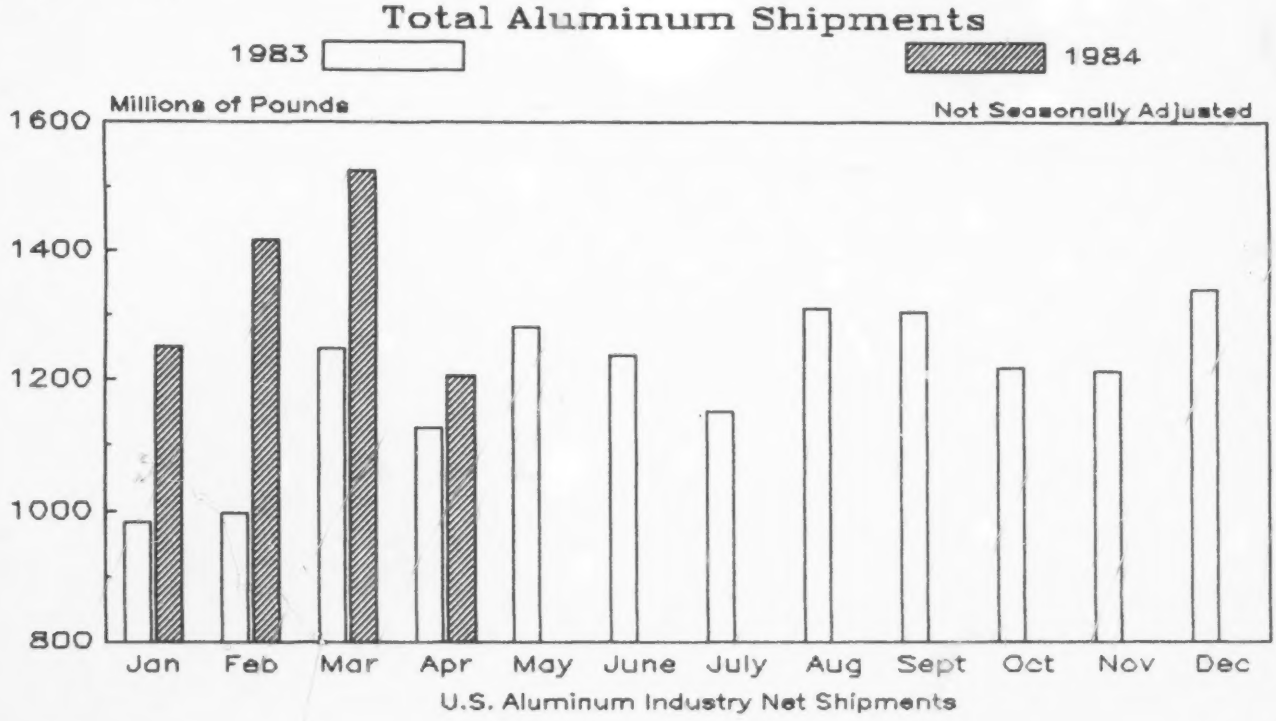
Actual production in May 1984 was 402,479 tons. April 1984 was revised to 382,946 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

April 1984 Shipments Up 72.2 Percent Over Year Ago

April 1984 net shipments at an estimated 1,205 million pounds were 7.2% higher than April 1983 shipments of 1,124 million pounds. Domestic shipments were up 17.8% vs. April 1983.



Net Shipments
(Millions of Pounds)

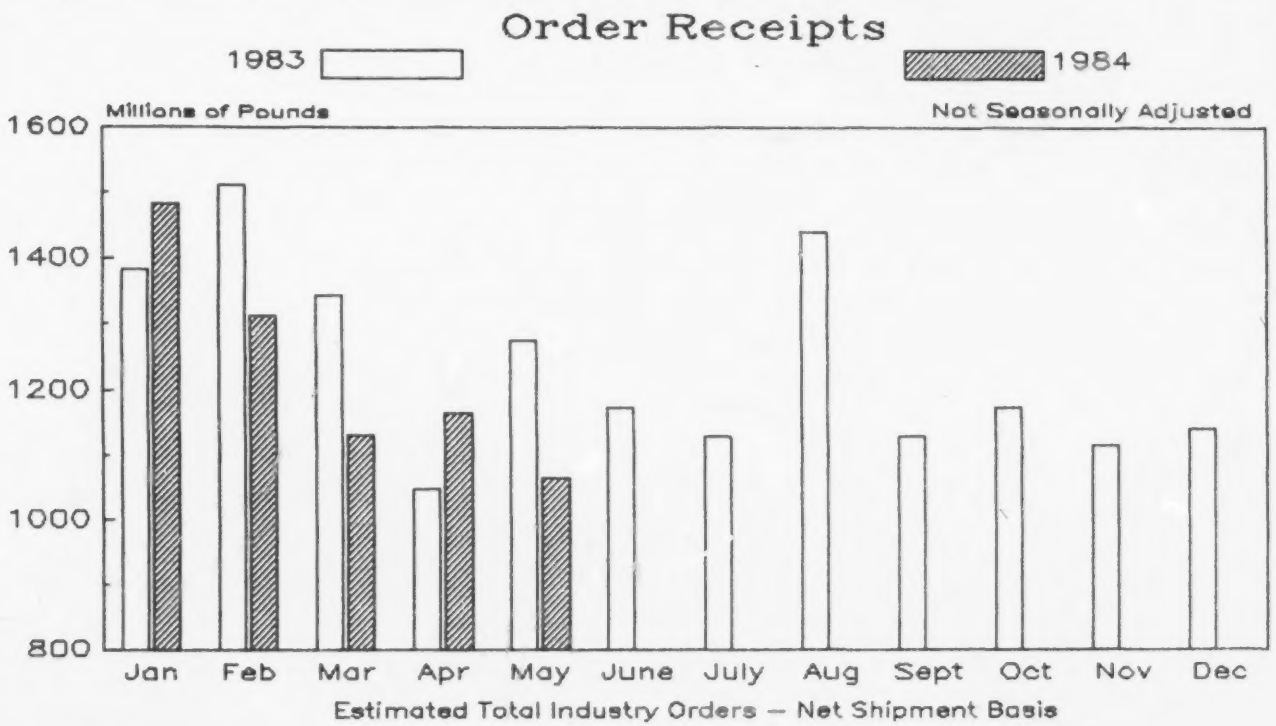
	1984 Apr.	1983 Apr.	1984 4 mos.	1983 4 mos.	% Change 1984 vs. 1983
Sheet	510.0	488.3	2,203.7	1,884.3	+17.0
Plate	19.0	15.0	79.7	71.3	+11.8
Foil	70.0	72.2	283.6	269.8	+ 5.1
Rod, Bar & Wire	26.0	21.1	*100.9	85.9	+17.5
Electrical Conductor	62.0	59.0	*234.1	228.8	+ 2.3
Extruded Products	215.0	188.7	844.7	713.0	+18.5
Welded Tube	7.0	4.0	26.6	15.5	+71.6
Powder & Paste	9.0	7.2	35.6	28.4	+25.4
Forgings & Impacts	12.0	9.5	47.2	38.1	+23.9
Net Imports of Mill Products (Total) (a)	65.0	40.5	292.0	169.3	+72.5
Total Mill Products	995.0	905.5	4,148.1	3,504.4	+18.4
Ingot	210.0	218.6	1,249.4	846.7	+47.6
TOTAL INDUSTRY SHIPMENTS	1,205.0	1,124.1	5,397.5	4,351.1	+24.0
Exports	(50.8)	(143.9)	(323.8)	(434.4)	-25.5
TOTAL DOMESTIC SHIPMENTS	1,154.32	980.2	5,073.7	3,916.7	+29.5

*Corrected for rounding error.

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

May 1984 Order Receipts Down 16.6 Percent vs. Year Ago

Estimated net new order receipts for May 1984 of 1,063 million pounds were 16.5% lower than the 1,273 million pounds for May 1983. Domestic orders were 13.7% lower. The five-month total orders for domestic mill products were only 1.2% lower than the comparable 1983 period.



Order Receipts
(Millions of Pounds)

	1984* May	1983 May	1984 5 months	1983 5 months	% Change 1984 v. 1983
Can Stock(a)	256.3	277.7	1,426.1	1,292.9	+10.3
Sheet & Plate, Other	223.9	341.5	1,556.3	1,856.6	-16.2
Foil	74.5	70.8	339.1	364.3	- 6.9
Rod, Bar & Wire	22.2	20.8	125.0	116.0	+ 7.8
Electrical Conductor	65.1	54.9	338.0	282.1	+19.8
Extruded Products	182.9	207.7	961.9	930.7	+ 3.4
Powder & Paste	7.4	10.2	52.6	44.9	+17.1
Forgings & Impacts	11.6	9.9	57.3	29.4	+94.9
Domestic Mill Products	843.9	993.5	4,856.3	4,916.9	- 1.2
Ingot (Total)	153.5	161.8	945.8	1,218.0	-22.3
TOTAL DOMESTIC	997.4	1,155.3	5,802.1	6,134.9	- 5.4
Exports	65.1	117.5	347.4	419.6	-17.2
TOTAL ALL PRODUCTS	1,062.5	1,272.8	6,149.5	6,554.5	- 6.2

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in April 1984 By 119 Million Pounds

Producer inventories increased an estimated 119 million pounds in April 1984 from March 1984. Integrated producers' stocks went up 114 million pounds and non-integrateds' stocks increased 5 million pounds.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Apr 83	5,744	4,774	189	781
May 83	5,579	4,596	190	793
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208	4,140	193	874
Dec 83	5,009	3,979	163	868
Jan 84	5,176r	4,081	206r	889r
Feb 84	5,237r	4,126r	213r	898r
Mar 84	5,269r	4,156r	213r	900r
Apr 84	5,388	4,270	213	905

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports
(Millions of Pounds)

		1984 Apr.	1983 Apr.	1984* 4 mos.	1983 4 mos.	% Change 1984 v. 1983
Imports	Mill Products	83.5	47.0	351.5	194.1	+81.16
	Ingot	137.4	147.2	695.7	484.2	+43.68
	Total	220.9	194.2	1,047.3	678.3	+54.40
	Scrap (+ dross)	21.8	12.6	91.1	46.6	+95.65
	Grand Total	242.8	206.7	1,138.3	724.8	+57.05
Exports	Mill Products	35.6	41.4	179.6	162.0	+10.86
	Ingot	15.3	102.5	144.2	272.3	-47.05
	Total	50.8	143.9	323.8	434.3	-25.45
	Scrap	36.6	40.7	151.9	136.7	+11.17
	Grand Total	87.5	184.5	475.7	571.0	-16.69
Net Imports		155.3	22.2	662.6	153.8	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

Department of Economics and Statistics **July 1984**

BEST AVAILABLE COPY

Total Net Shipments Up 22.4 Percent

Net shipments for the first five months of 1984, at an estimated 6,896 million pounds, were 22.4 percent higher than the 5,632 million pounds for 1983's first five months.

Domestic shipments of 6,486 million pounds were 26 percent higher than the 5,149 million pounds shipped in 1983's first five months.

Imports were up a strong 46.8 percent but exports declined 15.1 percent.

Thru May 1984

	5 mos. 1984	5 mos. 1983	% Change
Mill Products	5,235	4,553	+15.0
Ingot	1,661	1,079	+53.9
Total	6,896	5,632	+22.4
Less Exports	(410)	(483)	-15.1
Domestic Total	6,486	5,149	+26.0

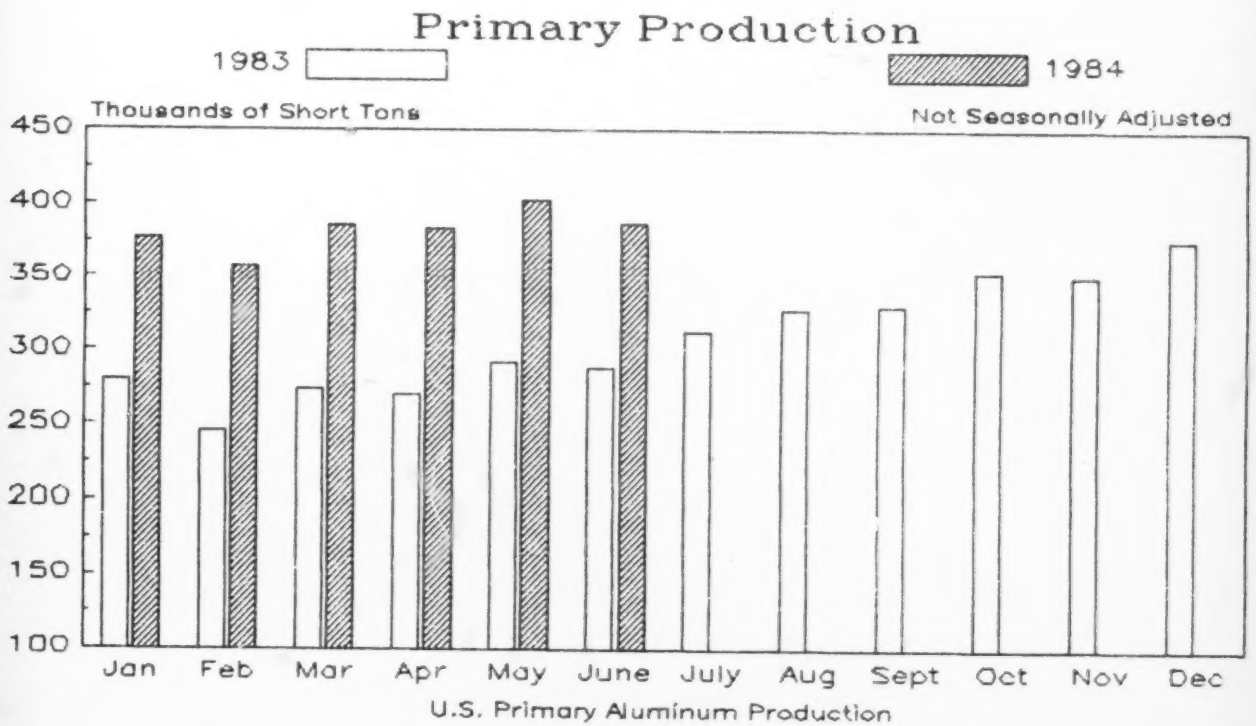
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Production Rate Up 34.2 Percent

U.S. primary aluminum production averaged 12,895 short tons daily during June 1984 compared with an average 9,607 tons a day in June 1983.

The annual rate of production in June 1984 was 4,719,570 tons, compared to 3,506,537 tons in June 1983. May 1984 production rate was 4,751,843 tons.

Actual production in June 1984 was 386,850 tons. May 1984 was 402,479 tons.

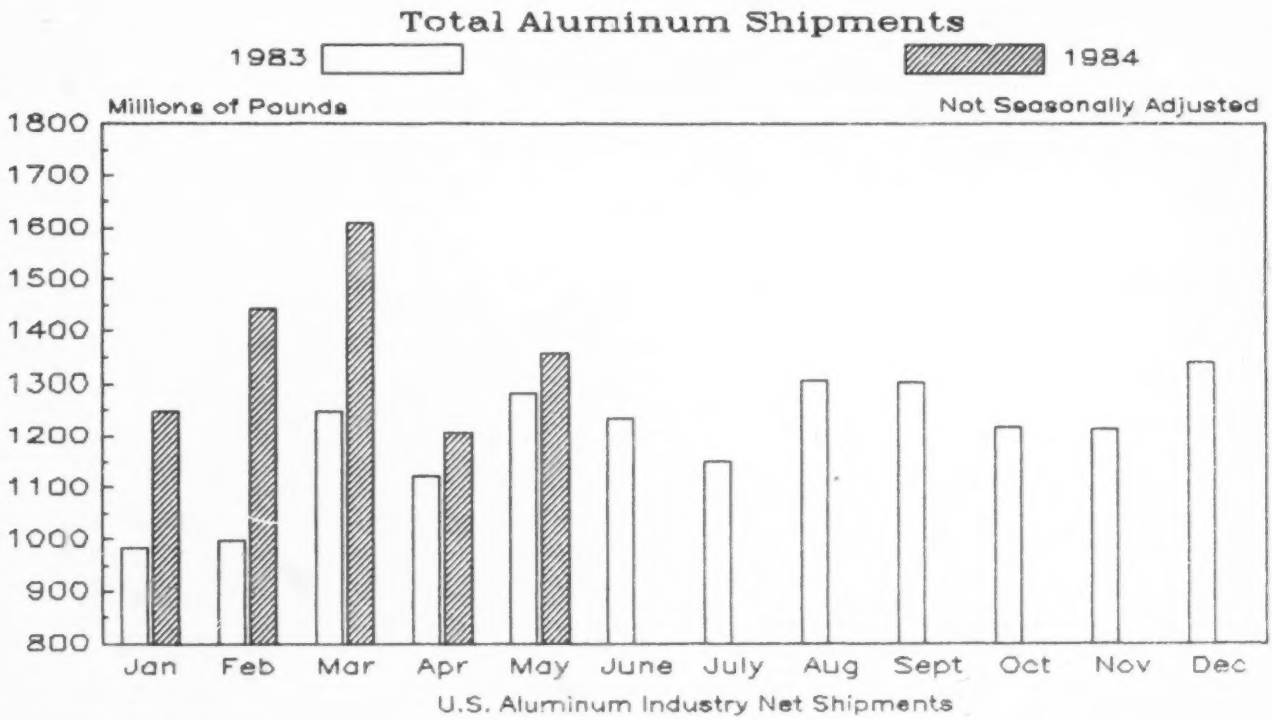


U.S. Primary Aluminum Production

Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

May 1984 Shipments Up 5.9 Percent Over Year Ago

May 1984 net shipments at an estimated 1,357 million pounds were 5.9% higher than May 1983 shipments of 1,282 million pounds. Domestic shipments were up 3.1% vs. May 1983.



U.S. Aluminum Industry Net Shipments

Net Shipments

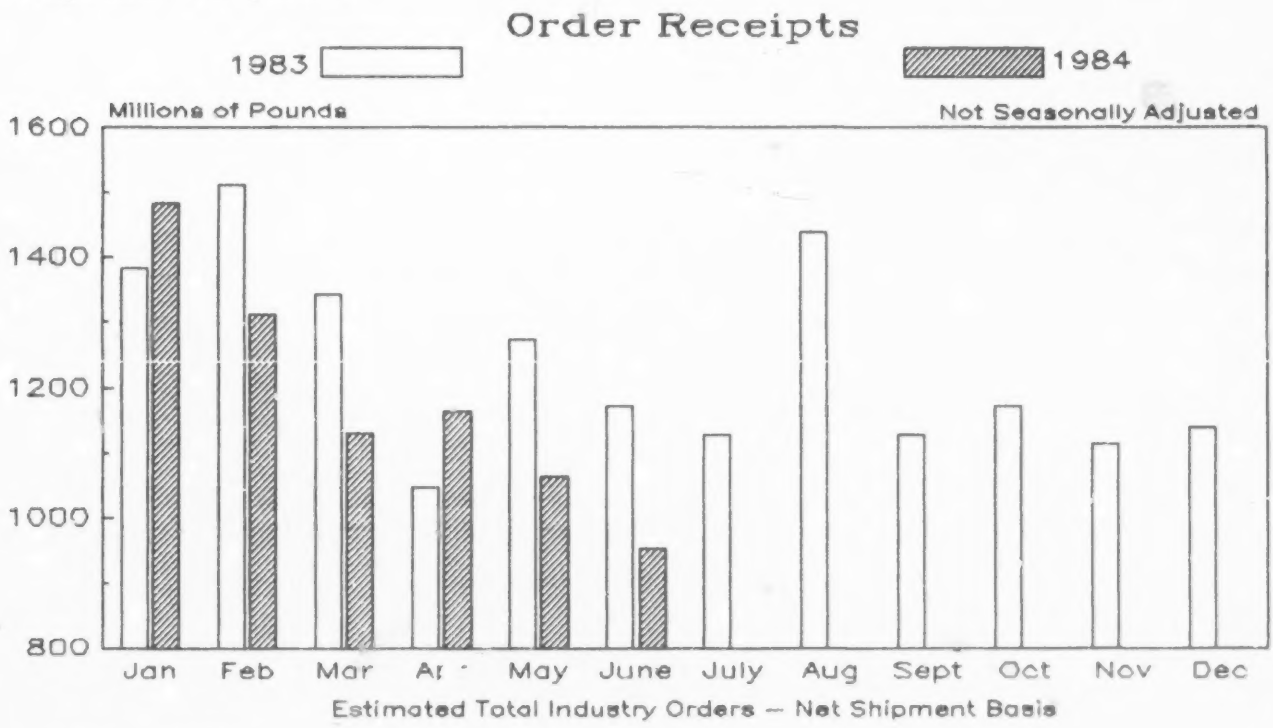
(Millions of Pounds)

	1984 May	1983 May	1984 5 mos.	1983 5 mos.	% Change 1984 vs. 1983
Sheet	570.0	602.7	2,792.9	2,487.0	+12.3
Plate	25.0	19.1	105.1	90.4	+16.3
Foil	71.0	80.5	355.5	350.3	+ 1.5
Rod, Bar & Wire	25.0	28.7	126.0	114.6	+ 9.9
Electrical Conductor	62.0	59.9	295.5	288.7	+ 2.4
Extruded Products	223.0	186.1	1,066.3	899.1	+18.6
Welded Tube	7.0	5.6	36.2	21.1	+71.6
Powder & Paste	7.0	10.2	35.3	38.6	- 8.5
Forgings & Impacts	13.0	9.8	60.7	47.9	+26.7
Net Imports of Mill Products (Total) (a)	69.0	46.2	361.5	215.5	+67.7
Total Mill Products	1,072.0	1,048.8	5,235.0	4,553.2	+15.0
Ingot(b)	285.0	232.7	1,661.3	1,079.4	+53.9
TOTAL INDUSTRY SHIPMENTS	1,357.0	1,281.5	6,896.3	5,632.6	+22.4
Exports	(87.0)	(49.3)	(410.8)	(483.6)	-15.1
TOTAL DOMESTIC SHIPMENTS	1,270.0	1,232.3	6,485.5	5,149.0	+26.0

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

June 1984 Order Receipts Down 18.8 Percent vs. Year Ago

Estimated net new order receipts for June 1984 of 952 million pounds were 18.8% lower than the 1,173 million pounds for June 1983. Domestic orders were 20.3% lower. The six-month total orders for domestic mill products were only 5.4% lower than the comparable 1983 period.



Order Receipts
(Millions of Pounds)

	1984* June	1983 June	1984 6 months	1983 6 months	% Change 1984 v. 1983
Can Stock (a)	211.5	341.5	1,637.6	1,634.4	+ 0.2
Sheet & Plate, Other	172.2	324.9	1,728.5	2,181.5	-20.8
Foil	67.4	78.8	406.5	443.1	- 8.3
Rod, Bar & Wire	18.1	14.7	143.1	130.7	+ 9.5
Electrical Conductor	63.1	43.8	401.1	325.9	+23.1
Extruded Products	165.5	161.3	1,127.4	1,092.0	+ 3.2
Powder & Paste	5.8	4.8	58.4	49.7	+17.5
Forgings & Impacts	15.6	8.7	72.9	38.1	+91.3
Domestic Mill Products	719.2	978.5	5,575.5	5,895.4	- 5.4
Ingot (Total)	164.6	131.1	1,110.4	1,349.1	-17.7
TOTAL DOMESTIC	883.8	1,109.6	6,685.9	7,244.5	- 7.7
Exports	68.2	63.4	415.6	483.0	-14.0
TOTAL ALL PRODUCTS	952.0	1,173.0	7,101.5	7,727.5	- 8.1

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in May 1984 By 137 Million Pounds

Producer inventories increased an estimated 137 million pounds in May 1984 from April 1984. Integrated producers' stocks went up 130 million pounds and non-integrateds' stocks increased 7 million pounds.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
May 83	5,579	4,596	190	793
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208	4,140	193	874
Dec 83	5,009	3,979	163	868
Jan 84	5,176	4,081	206	889
Feb 84	5,229r	4,116r	209r	904r
Mar 84	5,318r	4,167r	218r	932r
Apr 84	5,421r	4,270	218r	933r
May 84	5,558	4,400	218	940

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports
(Millions of Pounds)

		1984 May	1983 May	1984* 5 mos.	1983 5 mos.	% Change 1984 v. 1983
Imports	Mill Products	85.6	54.6	437.1	248.7	+75.77
	Ingot	216.4	186.2	912.1	670.4	+36.04
	Total	301.9	240.9	1,349.2	919.1	+46.79
	Scrap (+ dross)	27.3	14.3	118.4	60.9	+94.49
	Grand Total	329.3	255.2	1,467.6	980.0	+49.75
Exports	Mill Products	40.2	31.3	219.8	193.3	+13.71
	Ingot	46.8	17.9	191.0	290.2	-34.20
	Total	87.0	49.3	410.8	483.6	-15.05
	Scrap	36.2	47.1	188.1	183.7	+ 2.40
	Grand Total	123.2	96.3	599.0	667.3	-10.24
Net Imports		206.0	158.9	868.6	312.7	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

Department of Economics and Statistics — **August 1984**

Six Month Shipments Up 21.2 Percent

Net shipments for the first six months of 1984, at an estimated 8,326 million pounds, were 21.2 percent higher than the 6,867 million pounds for 1983's first six months.

Domestic shipments of 7,822 million pounds were 24 percent higher than the 6,311 million pounds shipped in 1983's first six months.

Six-month Imports were up 41.1 percent but exports declined 9.4 percent.

Thru June 1984

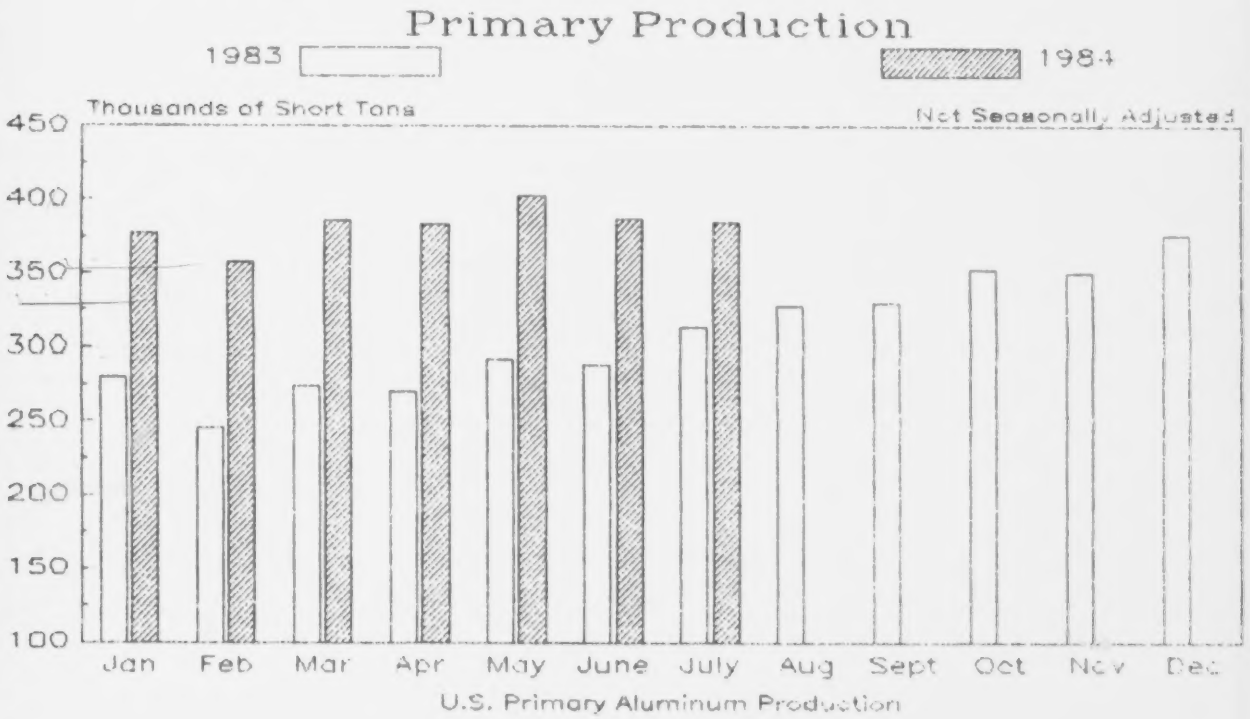
	6 mos. 1984	6 mos. 1983	% Change
Mill Products	6,293	5,519	+14.0
Ingot	2,033	1,348	+50.8
Total	8,326	6,867	+21.2
Less Exports	(504)	(556)	- 9.4
Domestic Total	7,822	6,311	+23.9

Production Rate Up 23.0 Percent

U.S. primary aluminum production averaged 12,417 short tons daily during July 1984 compared with an average 10,096 tons a day in July 1983.

The annual rate of production in July 1984 was 4,544,439 tons, compared to 3,685,217 tons in July 1983. June 1984 production rate was 4,719,570 tons.

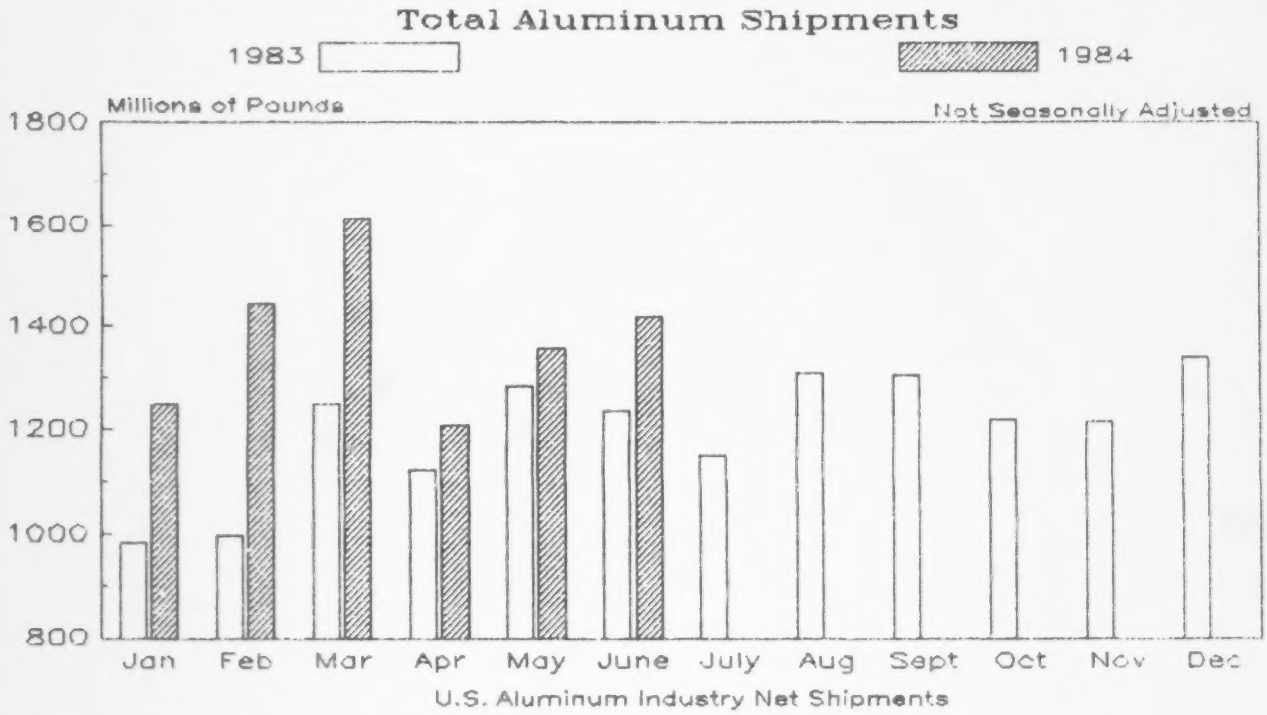
Actual production in July 1984 was 384,912 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

June 1984 Shipments Up 14.9 Percent Over Year Ago

June 1984 net shipments at an estimated 1,418 million pounds were 14.9 percent higher than June 1983 shipments of 1,235 million pounds. Domestic shipments were up 14.0 percent vs. June 1983. Six-month domestic shipments improved 23.9 percent.



Net Shipments

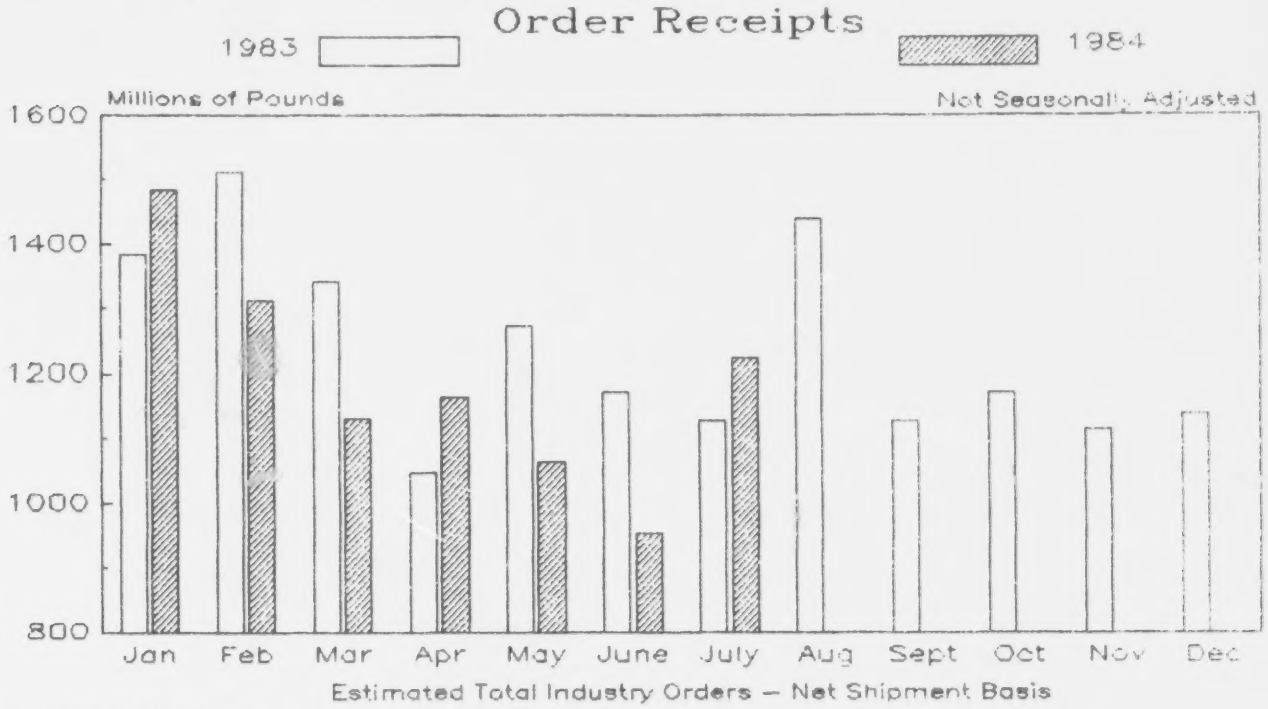
(Millions of Pounds)

	1984 June	1983 June	1984 6 mos.	1983 6 mos.	% Change 1984 vs. 1983
Sheet	536.0	526.5	3,333.4	3,013.4	+10.6
Plate	23.0	16.9	128.3	107.3	+19.6
Foil	76.0	73.9	432.5	424.1	+ 2.0
Rod, Bar & Wire	25.0	20.2	150.7	134.8	+11.8
Electrical Conductor	60.0	65.1	354.4	353.8	+ 0.2
Extruded Products	223.0	202.0	1,288.4	1,101.1	+17.0
Welded Tube	9.0	4.8	47.5	25.9	+83.4
Powder & Paste	7.0	5.5	45.8	44.2	+ 3.6
Forgings & Impacts	12.0	9.5	73.4	57.4	+27.9
Net Imports of Mill Products (Total)(a)	75.0	41.4	439.0	256.9	+70.9
Total Mill Products	1,046.0	965.8	6,293.4	5,518.9	+14.0
Ingot(b)	372.0	268.8	2,032.7	1,348.1	+50.8
TOTAL INDUSTRY SHIPMENTS	1,418.0	1,234.6	8,326.1	6,867.0	+21.2
Exports	(93.0)	(72.4)	(503.8)	(556.0)	- 9.4
TOTAL DOMESTIC SHIPMENTS	1,325.0	1,162.2	7,822.3	6,311.0	+23.9

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

July 1984 Order Receipts 8.2 Percent Higher vs. Year Ago

Estimated net new order receipts for July 1984 of 1,221 million pounds were 8.2 percent higher than the 1,128 million pounds for July 1983. Domestic orders were 9.9 percent higher. The seven-month total orders for domestic mill products were 5.2 percent lower than the comparable 1983 period, however.



Order Receipts

(Millions of Pounds)

	1984* July	1983 July	1984 7 months	1983 7 months	% Change 1984 v. 1983
Can Stock(a)	196.2	199.8	1,831.8	1,834.2	- 0.1
Sheet & Plate, Other	227.3	355.7	1,955.7	2,537.2	-22.9
Foil	68.5	60.1	473.0	503.2	- 6.0
Rod, Bar & Wire	20.2	11.5	163.3	142.2	+14.8
Electrical Conductor	81.9	39.4	483.0	365.3	+32.2
Extruded Products	208.6	176.7	1,340.5	1,268.7	+ 5.7
Powder & Paste	12.4	6.0	70.8	55.7	+27.1
Forgings & Impacts	9.3	7.6	83.1	45.7	+82.7
Domestic Mill Products	824.4	856.8	6,401.6	6,752.2	- 5.2
Ingot(Total)	288.2	155.3	1,396.1	1,504.4	- 7.2
TOTAL DOMESTIC	1,112.6	1,012.1	7,797.7	8,256.6	- 5.6
Exports	108.2	115.9	525.4	598.9	-12.3
TOTAL ALL PRODUCTS	1,220.8	1,128.0	8,323.1	8,855.5	- 6.0

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in June 1984 By 49 Million Pounds

Producer inventories increased an estimated 49 million pounds in June 1984 from May 1984. Integrated producers' stocks went up 55 million pounds. Non-integrated stocks declined slightly.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,199	5,224	216	759
Jun 83	5,439	4,431	199	809
Jul 83	5,472	4,453	193	826
Aug 83	5,375	4,345	192	838
Sep 83	5,258	4,209	202	848
Oct 83	5,296	4,260	198	838
Nov 83	5,208	4,140	193	874
Dec 83	5,009	3,979	163	868
Jan 84	5,176	4,081	206	889
Feb 84	5,229	4,116	209	904
Mar 84	5,305r	4,167	214r	923r
Apr 84	5,434r	4,289r	220r	926r
May 84	5,563r	4,417r	220r	926r
Jun 84	5,612	4,472	220	920

Imports and Exports

(Millions of Pounds)

		1984 June	1983 June	1984 6 mos.	1983 6 mos.	% Change 1984 v. 1983
Imports	Mill Products	92.1	46.5	529.2	295.2	+79.3
	Ingot	147.1	182.5	1,059.2	853.0	+24.2
	Total	239.2	229.0	1,588.4	1,148.2	+38.3
	Scrap (+ dross)	26.7	19.7	145.1	80.5	+80.2
	Grand Total	265.9	248.7	1,733.5	1,228.7	+41.1
Exports	Mill Products	45.0	39.6	264.8	232.9	+13.7
	Ingot	48.0	32.8	239.0	323.1	-26.0
	Total	93.0	72.4	503.8	556.0	- 9.4
	Scrap	36.0	55.2	224.2	238.9	- 6.2
	Grand Total	129.0	127.6	728.0	794.9	- 8.4
Net Imports		136.9	121.1	1,005.5	433.8	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

AC408-1

The Aluminum Situation

Department of Economics and Statistics **September 1984**

Seven Month Shipments Up 18.8 Percent

Net shipments for seven months of 1984, at an estimated 9,674 million pounds, were 18.8 percent higher than the 8,146 million pounds for 1983's first seven months.

Domestic shipments of 9,086 million pounds were 21.5 percent higher than the 7,477 million pounds shipped in 1983's first seven months.

Seven-month Imports were up 36.0 percent but exports declined 12.0 percent.

Thru July 1984

	7 mos. 1984	7 mos. 1983	% Change
Mill Products	7,274	6,436	+13.0
Ingot	2,400	1,710	+40.4
Total	9,674	8,146	+18.8
Less Exports	(588)	(669)	-12.0
Domestic Total	9,086	7,477	+21.5

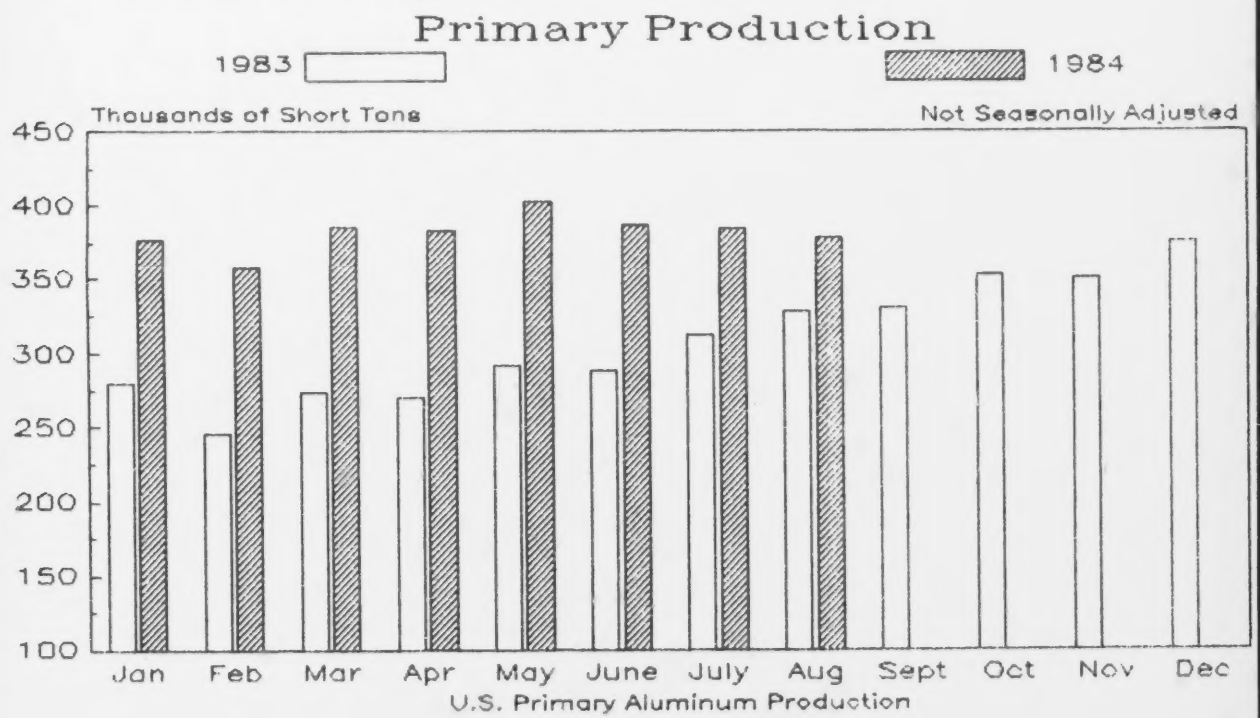
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Production Rate Up 15.8 Percent

U.S. primary aluminum production averaged 12,218 short tons daily during August 1984 compared with an average 10,550 tons a day in August 1983.

The annual rate of production in August 1984 was 4,471,658 tons, compared to 3,850,762 tons in August 1983. July 1984 production rate was 4,544,439 tons.

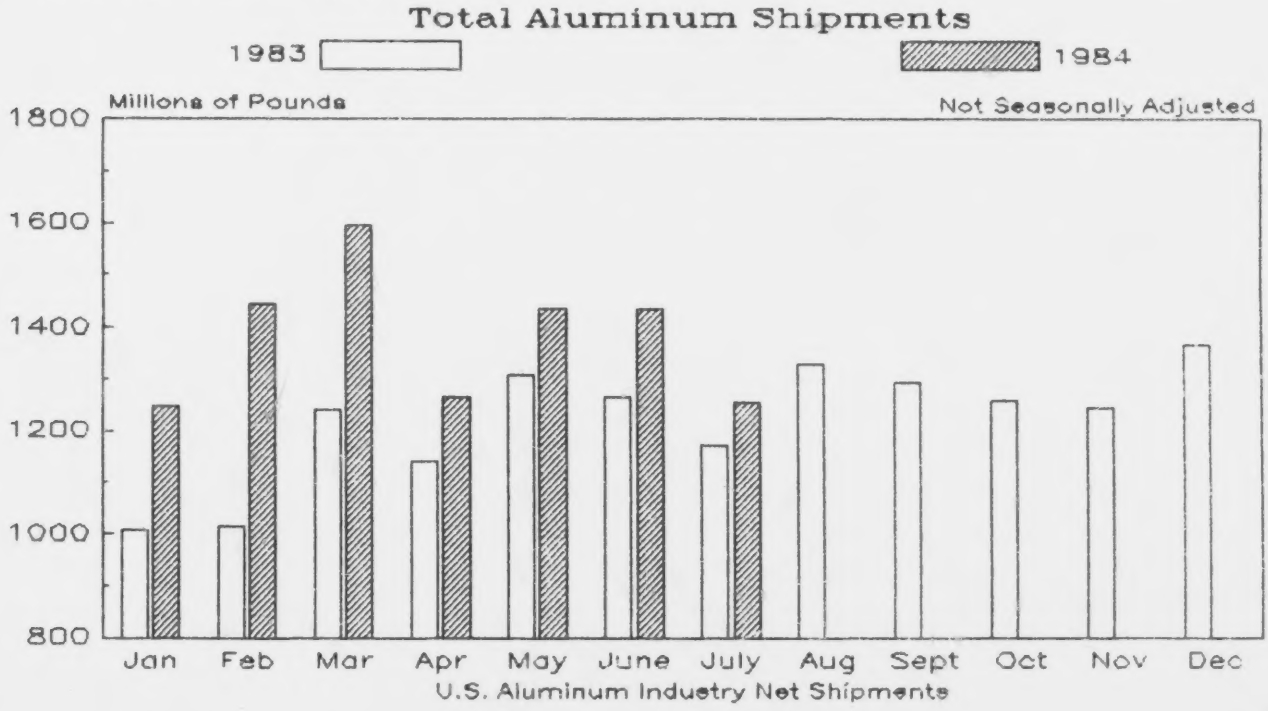
Actual production in August 1984 was 378,747 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

July 1984 Shipments Up 7.3 Percent Over Year Ago

July 1984 net shipments at an estimated 1,255 million pounds were 7.3 percent higher than July 1983 shipments of 1,170 million pounds. Domestic shipments were up 10.8 percent vs. July 1983.



Net Shipments

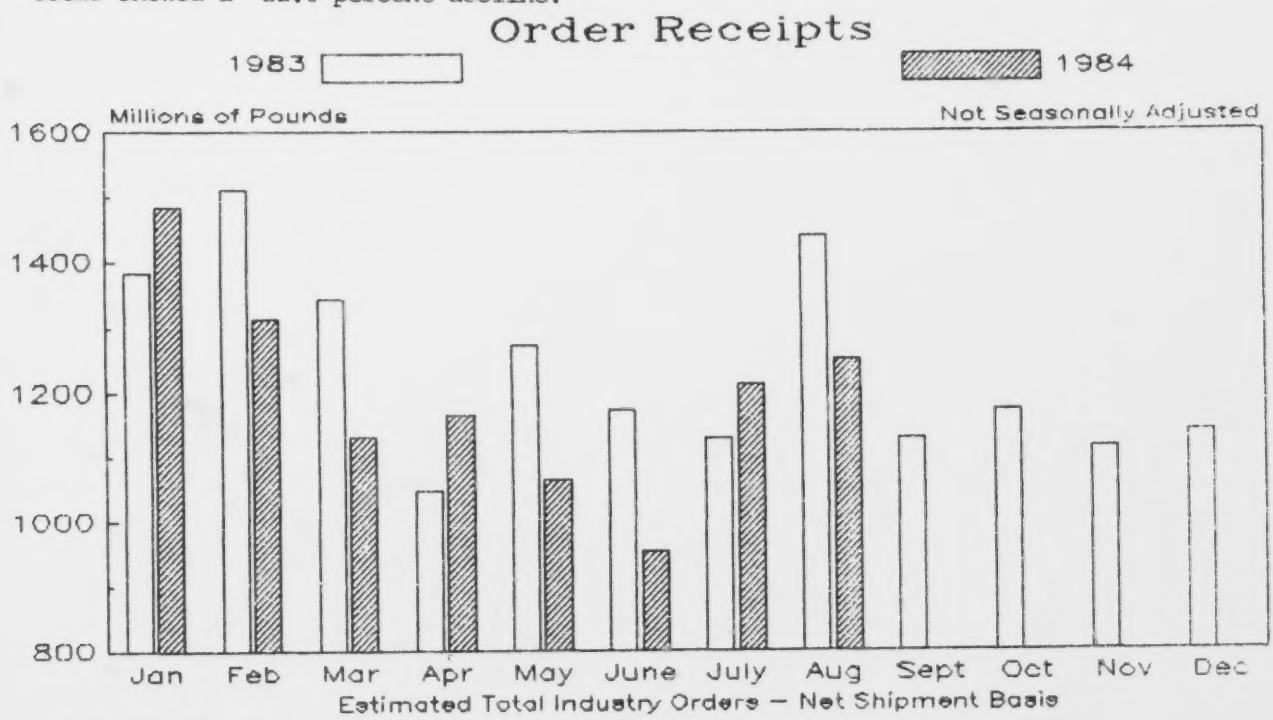
(Millions of Pounds)

	1984 July	1983 July	1984 7 mos.	1983 7 mos.	% Change YTD 1984 vs. 1983
Sheet	491.0	543.9	3,803.4	3,571.9	+ 6.5
Plate	20.0	13.7	148.0	119.5	+23.8
Foil	68.0	56.1	499.5	480.2	+ 4.0
Rod, Bar & Wire	21.0	15.8	183.1	143.2	+27.9
Electrical Conductor	67.0	53.5	418.9	407.3	+ 2.8
Extruded Products	210.0	185.2	1,493.5	1,268.6	+17.7
Welded Tube	5.0	4.5	43.2	30.3	+42.6
Powder & Paste	8.0	4.0	56.0	48.2	+16.2
Forgings & Impacts	12.0	7.6	86.4	64.9	+33.1
Net Imports of Mill Products (Total) (a)	103.0	49.3	542.6	301.7	+79.8
Total Mill Products	1,005.0	933.6	7,274.6	6,435.8	+13.0
Ingot (b)	250.0	235.9	2,399.9	1,709.7	+40.4
TOTAL INDUSTRY SHIPMENTS	1,255.0	1,169.5	9,674.5	8,145.5	+18.8
Exports	(84.6)	(112.9)	(588.4)	(668.8)	-12.0
TOTAL DOMESTIC SHIPMENTS	1,170.4	1,056.6	9,086.1	7,476.7	+21.5

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

August 1984 Order Receipts 13.2 Percent Lower vs. Year Ago

Estimated net new order receipts for August 1984 of 1,250 million pounds were 13.2 percent lower than the 1,440 million pounds for July 1983. Domestic mill products total showed a 22.0 percent decline.



Order Receipts

(Millions of Pounds)

	1984* Aug.	1983 Aug.	1984 8 months	1983 8 months	% Change YTD 1984 vs. 1983
Can Stock(a)	313.4	369.0	2,145.2	2,203.2	- 2.6
Sheet & Plate, Other	232.5	389.1	2,188.2	2,926.3	-25.2
Foil	63.5	69.8	536.5	573.0	- 6.4
Rod, Bar & Wire	22.7	17.2	186.0	159.4	+16.7
Electrical Conductor	81.8	95.7	564.8	461.0	+22.5
Extruded Products	183.7	214.3	1,524.2	1,483.0	+ 2.8
Powder & Paste	7.3	9.3	78.1	65.0	+20.2
Forgings & Impacts	9.1	8.1	92.6	53.8	+72.1
Domestic Mill Products	914.0	1,172.5	7,315.6	7,918.7	- 7.6
Ingot(Total)	256.6	177.8	1,642.7	1,688.2	- 2.7
TOTAL DOMESTIC	1,170.6	1,350.3	8,958.3	9,606.9	- 6.8
Exports	79.4	89.8	604.8	688.7	-12.2
TOTAL ALL PRODUCTS	1,250.0	1,440.1	9,563.1	10,295.6	- 7.1

Source: The Association estimates total industry orders, based on weekly repurts by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in July 1984 By 139 Million Pounds

Producer inventories increased an estimated 139 million pounds in July 1984 from June 1984. Integrated producers' stocks went up 136 million pounds. Total stocks are now 762 million pounds higher than at year-end 1983.

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,180r	5,224	216	740r
Jul 83	5,451r	4,453	193	805r
Aug 83	5,353r	4,345	192	816r
Sep 83	5,236r	4,209	202	826r
Oct 83	5,273r	4,260	198	815r
Nov 83	5,191r	4,140	193	858r
Dec 83	4,994r	3,979	163	853r
Jan 84	5,176	4,081	206	889
Feb 84	5,229	4,116	209	904
Mar 84	5,305	4,167	214	923
Apr 84	5,435r	4,289	218r	928r
May 84	5,579r	4,417	233r	928r
Jun 84	5,617r	4,474r	243r	900r
Jul 84	5,756	4,610	240	906

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports

(Millions of Pounds)

		1984 July	1983 July	1984 7 mos.	1983 7 mos.	% Change 1984 v. 1983
Imports	Mill Products	125.4	51.0	654.6	346.2	+89.1
	Ingot	133.0	158.6	1,192.2	1,011.6	+17.9
	Total	258.4	209.6	1,846.8	1,357.7	+36.0
	Scrap (+ dross)	39.1	15.5	184.3	96.0	+91.9
	Grand Total	297.6	225.0	2,031.1	1,453.8	+39.7
Exports	Mill Products	40.3	31.2	305.1	264.1	+15.5
	Ingot	44.3	81.7	283.3	404.8	-30.0
	Total	84.6	112.9	588.4	668.8	-12.0
	Scrap	32.3	52.1	256.5	291.0	-11.9
	Grand Total	116.9	165.0	844.9	959.9	-12.0
Net Imports		180.7	60.1	1,186.2	493.9	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

Department of Economics and Statistics — **October 1984**

Eight Month Shipments Up 16.3 Percent

Net shipments for eight months of 1984, at an estimated 11,021 million pounds, were 16.3 percent higher than the 9,475 million pounds for 1983's first eight months.

Domestic shipments of 10,310 million pounds were 18.5 percent higher than the 8,698 million pounds shipped in 1983's first eight months.

Eight-month Imports were up 34.8 percent but exports declined 8.5 percent.

Thru August 1984

	8 mos. 1984	8 mos. 1983	% Change
Mill Products	8,281	7,355	+12.6
Ingot	2,740	2,120	+29.2
Total	11,021	9,475	+16.3
Less Exports	(711)	(777)	- 8.5
Domestic Total	10,310	8,698	+18.5

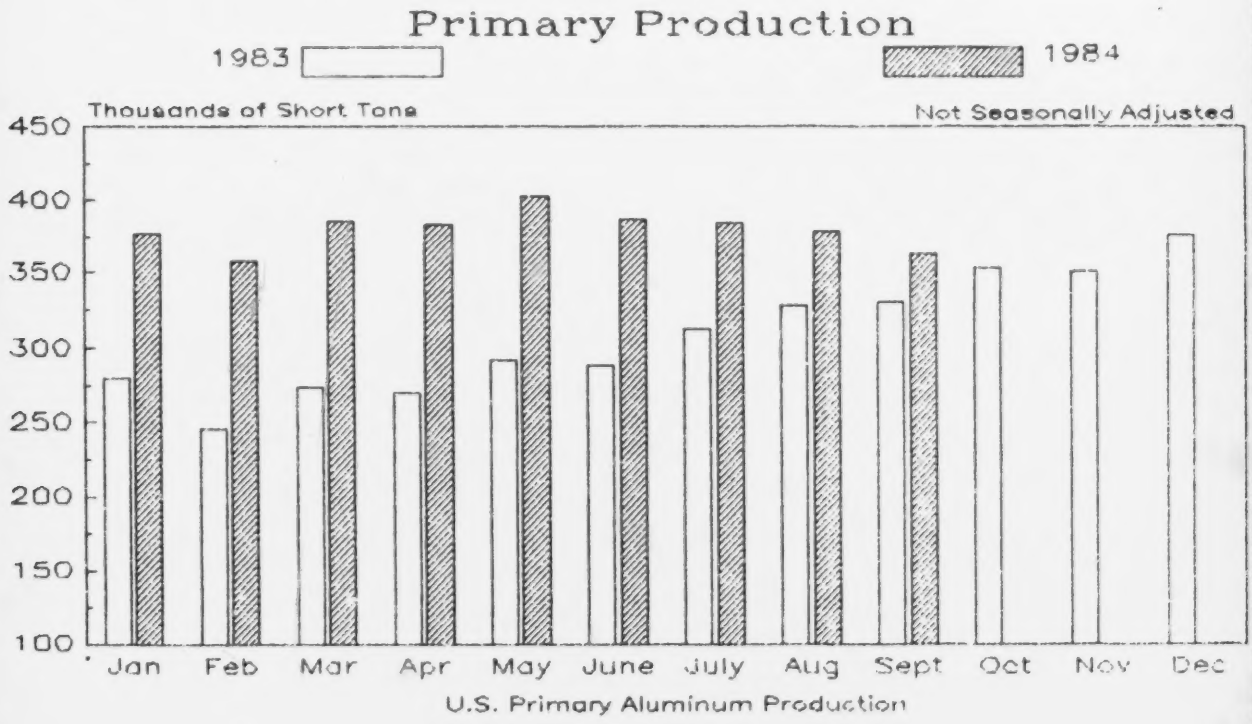
Millions of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data-Bureau of the Census.

Production Rate Up 10.1 Percent

U.S. primary aluminum production averaged 12,094 short tons daily during September 1984 compared with an average 10,987 tons a day in September 1983.

The annual rate of production in September 1984 was 4,426,221 tons, compared to 4,010,431 tons in September 1983. August 1984 production rate was 4,471,658 tons.

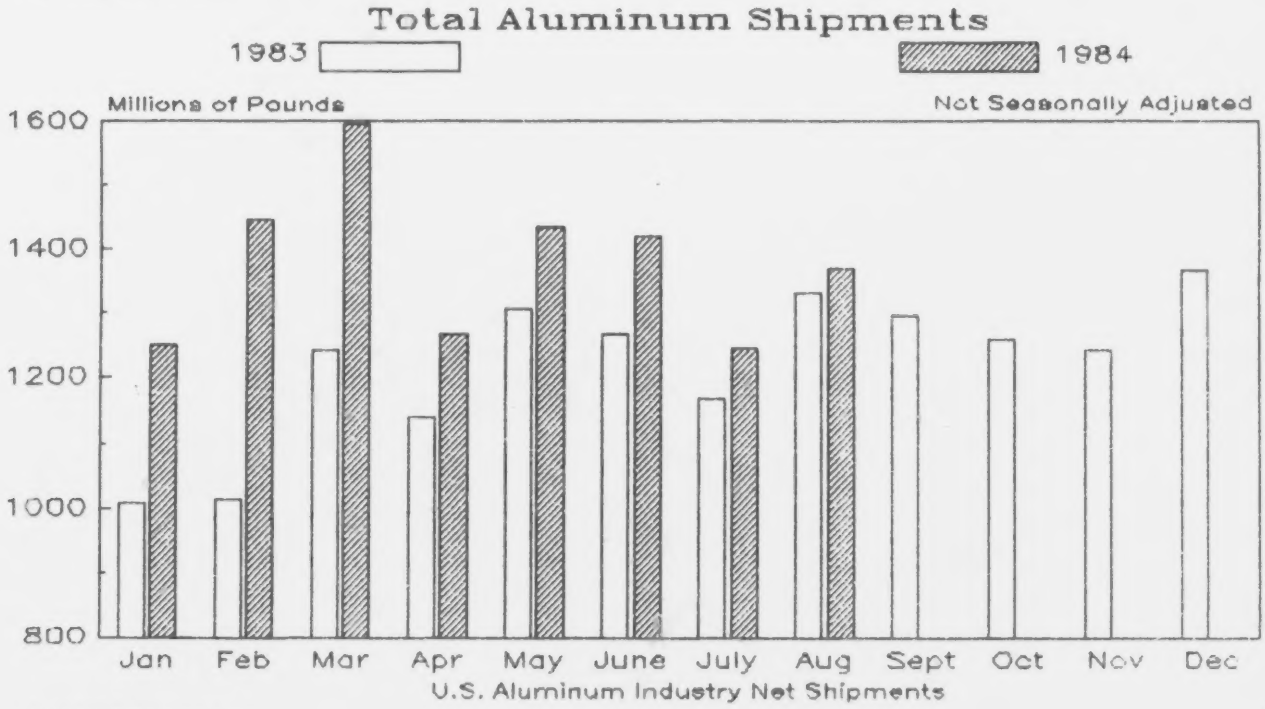
Actual production in September 1984 was 362,805 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

August 1984 Shipments Up 3.1 Percent Over Year Ago

August 1984 net shipments at an estimated 1,370 million pounds were 3.1 percent higher than August 1983 shipments of 1,329 million pounds. Domestic shipments were up 2.2 percent.



Net Shipments

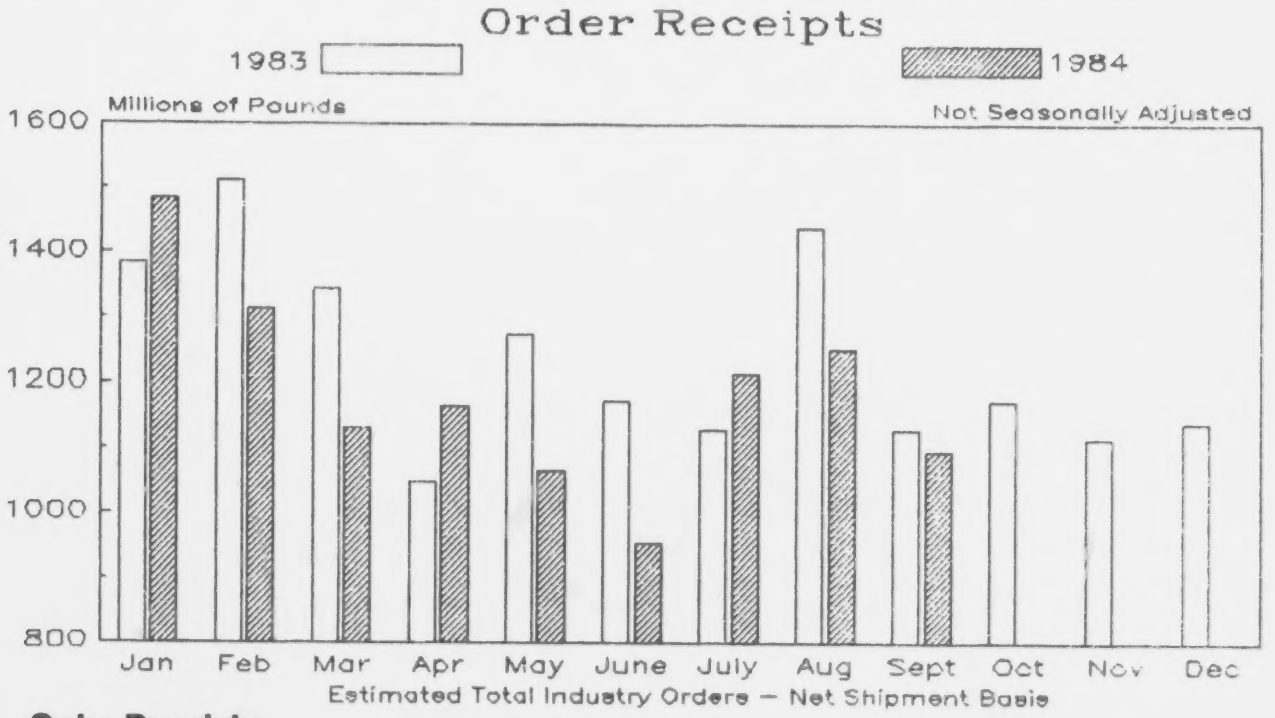
(Millions of Pounds)

	1984 Aug.*	1983 Aug.	1984 8 mos.*	1983 8 mos.	% Change YTD 1984 vs. 1983
Sheet	497.0	489.0	4,298.3	4,060.8	+ 5.8
Plate	24.0	15.5	172.3	135.0	+27.6
Foil	73.0	62.7	573.0	543.0	+ 5.5
Rod, Bar & Wire	30.0	16.0	208.4	159.2	+30.9
Electrical Conductor	63.0	57.1	474.7	464.4	+ 2.2
Extruded Products	228.0	213.2	1,720.9	1,481.7	+16.1
Welded Tube	6.0	5.7	49.3	36.0	+36.9
Powder & Paste	9.0	6.1	64.6	54.3	+19.0
Forgings & Impacts	13.0	9.3	99.4	74.3	+33.8
Net Imports of Mill Products (Total) (a)	77.0	44.2	620.5	345.9	+79.4
Total Mill Products	1,020.0	918.8	8,281.4	7,354.6	+12.6
Ingot (b)	350.0	410.4	2,739.7	2,120.1	+29.2
TOTAL INDUSTRY SHIPMENTS	1,370.0	1,329.2	11,021.1	9,474.7	+16.3
Exports	(122.3)	(108.1)	(710.7)	(777.0)	- 8.5
TOTAL DOMESTIC SHIPMENTS	1,247.7	1,221.1	10,310.4	8,697.7	+18.5

*Latest two months estimated by the Aluminum Association.
Previous data-Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised

September 1984 Order Receipts 3.0 Percent Lower vs. Year Ago

Estimated net new order receipts for September 1984 of 1,095 million pounds were 3.0 percent lower than the 1,129 million pounds for September 1983. Total domestic orders for the third quarter of 1984 were 10.5 percent ahead of the second quarter of 1984.



Order Receipts

(Millions of Pounds)

	1984* Sep.	1983 Sep.	1984 9 months	1983 9 months	% Change YTD 1984 vs. 1983
Can Stock (a)	190.0	200.0	2,335.2	2,403.2	- 2.8
Sheet & Plate, Other	236.0	323.6	2,423.9	3,249.9	-25.4
Foil	68.9	71.3	605.1	644.3	- 6.1
Rod, Bar & Wire	22.4	16.2	208.4	175.6	+18.7
Electrical Conductor	124.1	55.7	688.9	516.7	+33.3
Extruded Products	174.0	228.9	1,698.2	1,711.9	- 0.8
Powder & Paste	7.6	10.0	85.7	75.0	+14.3
Forgings & Impacts	7.1	6.3	99.7	60.1	+65.9
Domestic Mill Products	830.1	912.0	8,145.1	8,836.7	- 7.8
Ingot (Total)	189.7	126.7	1,832.4	1,808.9	+ 1.3
TOTAL DOMESTIC	1,019.8	1,038.7	9,977.5	10,645.6	- 6.3
Exports	75.5	89.9	680.4	778.6	-12.6
TOTAL ALL PRODUCTS	1,095.3	1,128.6	10,657.9	11,424.2	- 6.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.
(a) Import orders included in Sheet and Plate, Other.
*Latest month.
r-revised.

Inventories Increased in August 1984 By 30 Million Pounds

Producer inventories increased an estimated 30 million pounds in August 1984 from July 1984. Integrated producers' stocks went up 21 million pounds and nonintegrated producers were up 9 million pounds

Month-End Aluminum Inventories
By Type of Producer
Figures in Millions of Pounds

Month	Total*	Integrated	Smelters	Non-Integrated
Dec 80	5,076	4,018	261	797
Dec 81	6,607	5,542	266	798
Dec 82	6,180	5,224	216	740
Aug 83	5,353	4,345	192	816
Sep 83	5,236	4,209	202	826
Oct 83	5,273	4,260	198	815
Nov 83	5,191	4,140	193	858
Dec 83	4,994	3,979	163	853
Jan 84	5,176	4,081	206	889
Feb 84	5,229	4,116	209	904
Mar 84	5,305	4,167	214	923
Apr 84	5,435	4,289	218	928
May 84	5,579	4,417	233	928
Jun 84	5,618r	4,474	240r	904r
Jul 84	5,777r	4,622r	244r	911r
Aug 84	5,807	4,643	244	920

*Latest two months estimated by Aluminum Association. Previous data-Bureau of the Census. Inventories include ingot, mill products and scrap.
Early estimates are available approximately the 5th working day each month; however, there is a charge for this special service. Contact the Aluminum Association Department of Economics and Statistics for details.

Imports and Exports

(Millions of Pounds)

		1984 Aug.	1983 Aug.	1984 8 mos.	1983 8 mos.	% Change 1984 v. 1983
Imports	Mill Products	105.1	48.8	759.8	395.0	+92.3
	Ingot	139.4	144.6	1,331.6	1,156.2	+15.2
	Total	244.5	193.5	2,091.3	1,551.2	+34.8
	Scrap (+ dross)	26.4	18.5	210.6	114.6	+83.8
	Grand Total	270.9	212.0	2,302.0	1,665.8	+38.2
Exports	Mill Products	47.2	34.9	352.3	299.0	+17.8
	Ingot	75.0	73.2	358.3	478.0	-25.0
	Total	122.3	108.1	710.6	777.0	- 8.5
	Scrap	42.0	59.0	298.5	350.1	-14.7
	Grand Total	164.2	167.2	1,009.1	1,127.0	-10.5
Net Imports		106.6	44.8	1,292.8	538.7	

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.